



helvella - Thyroid Hormone Medicines: UK

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Notice

Nothing in this document is intended to promote or advertise any medicinal product. The content is an assembly of publicly available information intended to make it more accessible.

All products mentioned are treated equally. New products will always be added when the author becomes aware of them. And products which are not available will be identified as such but retained for as long as their history might be of interest.

The Blue Guide

Advertising and Promotion

of Medicines in the UK

Third Edition

Third revision - November 2020

Medicines and Healthcare products

Regulatory Agency

https://assets.publishing.service.gov.uk/media/6012d7f2d3bf7f05b92f6cfc/BG_2020_Brexit_Final_version.pdf

Introduction

This document is intended to give an overview of various thyroid hormone medicines. There is a separate World Liothyronine document, and also a World Desiccated Thyroid document (there are no licensed UK desiccated thyroid products).

Why do you want to know?

First, you might just want to know whether you could get tablets which better suit your dose. For example, a single 75 tablet rather than having to take 50 plus 25.

Second, you might want to know more about the tablet(s) you take. Patient Information Leaflets, excipients, costs, etc.

Some people find that they notice little or no difference between products. Which is excellent for them. Others - including me - started out determined to assume they were all the same. Within months of starting, I found serious differences. I'm lucky in that I could survive on most of them. But getting the product I prefer definitely makes a positive difference.

There is no overall **best** product. There is no overall **worst** product. What works well for one person might cause problems for another.

Discussion about a product being well tolerated might be true if you are considering everyone. But it says nothing about whether it will suit you as an individual.

Unless you have a known problem, such as an allergy to, or intolerance of, specific excipients, it is impossible to know in advance whether a specific make will suit you.

If you need two different dosages (e.g. 100 plus 25) then you might find you cannot get both dosages in the same formulation. This should not be important but if you do have an issue, you might not be able to decide which product is causing it. If they are both the same formulation, then at least you would only be dealing with one manufacturer.

In all cases, the information is as accurate as I have been able to achieve. There will be errors, details will be wrong or missing, formulations and brands will change, documents will be updated, and links will move or disappear. Treat it as a set of pointers to further information rather than a definitive source.

Excipients are included and are copied without change from one of the official documents for the product. Typically from the section headed:

Contents of the pack and other information

What Levothyroxine tablets contain:

- *The active ingredient is [active ingredient].*
- *The other ingredients are [excipients].*

MHRA documents are updated from time to time. This means that links directly to individual documents tend to break over time. For that reason, most links here run a search on the MHRA document database and should always find the current documents. However, sometimes you might see multiple documents - for example, one being the Patient Information Leaflet (PIL) for the ordinary 28-tablet pack, and another for the 1000 tablet bulk packs.

Please always check, re-check and check again everything which is important to you.

Re-branding (whether by a manufacturer or as an 'own label supplier') – which has happened with several products – does not necessarily mean any change to formulation. Many products have been acquired by other companies and, sometimes after several years, get re-branded.

Medicines are prone to issues of supply and recall. Just because products are listed here does not mean they are available. Some might have been withdrawn entirely or just from certain markets. Others might have been included despite not yet being available.

Specials

Occasionally people get prescribed an unlicensed product. For example, they might require a formulation which is not possible with standard products. These are often called "specials". Specials would usually be manufactured to order or could be specially imported. Some UK suppliers appear to produce a batch of product rather than manufacture each order. This might be seen as small scale manufacturing rather than making a special.

One example of a special import is Thybon Henning (liothyronine).

Specials importers and manufacturers require the appropriate licences.

Levothyroxine vs Thyroxine

The name Thyroxine was replaced by Levothyroxine in 1997 in the UK, and most countries have now changed. However, the old name is still sometimes

seen. This was purely a change in name to clarify the active ingredient, to be consistent with the naming of several other medicines.

Contact Author

If there is anything inaccurate in this information, or if you can fill any of the many gaps, let me know by Private Message, or on the HealthUnlocked Thyroid UK forum:

<https://healthunlocked.com/user/helvella>

As of 20th November 2022, you may also email me at:

edition-longing-0u@icloud.com

Be aware that this email address is ONLY for use regarding helvella documents. If I get unwanted emails, such as spam, I shall change the email address.

Please don't think that pointing out issues is being pernickety, pedantic or critical. It could make all the difference to someone.

This document is updated whenever I am aware of any changes or enhancements are needed. Sometimes there could be a significant delay between a change happening and it being reflected in this document.

Check the *Last updated date* on the front page. This document is updated *very* frequently. If the copy you are viewing is more than a few weeks old, please try downloading it again.

Levothyroxine Tablets H03AA01

This includes Levothyroxine tablets that are currently on the official MHRA list of medicine documentation in the UK as well as some which have previously been available. It's possible that some of these might not be available right now, or they might only be available in certain dosages.

You can also find all the excipients by checking out the Patient Information Leaflet (PIL) or Summary of Product Characteristics (SmPC) for each product. Just look for section 6.

Contents of the pack and other information

What Levothyroxine tablets contain:

- *The active ingredient is [active ingredient].*
- *The other ingredients are [excipients].*

•

The matrixes and the details of each product both include all excipients and they are listed *exactly* as they appear in either the SmPC or the PIL.

BNF

<https://bnf.nice.org.uk/drugs/levothyroxine-sodium/>

Oral Tablets

<https://bnf.nice.org.uk/drugs/levothyroxine-sodium/medicinal-forms/#oral-tablet>

NHS Tariff

Select the NHS Drug Tariff for the current month.

Use  **Search** option. Enter **levothyroxine**.

Click on **Part VIII A products L** and scroll to the required information.

<https://www.nhsbsa.nhs.uk/pharmacies-gp-practices-and-appliance-contractors/drug-tariff>

Prices in the dm+d database - as included in this document - are specific to each product and will usually be updated within days, NHS Drug Tariff prices are often across multiple products and can take a month or longer to be updated.

Matrix of UK Levothyroxine Tablets - Current

Non-current levothyroxine tablet product matrix on [NEXT ↓](#) page.

12.5 mcg	25 mcg	50 mcg	75 mcg	100 mcg	Excipients
Accord including Almus and AAH Hillcross 50 and 100 only					Lactose Magnesium stearate Maize starch Pregelatinised maize starch Stearic acid
		✓		✓	
Advanz Pharma / Mercury Pharma including Eltroxin					Sodium citrate Lactose Maize starch Powdered acacia Magnesium stearate
	✓	✓		✓	
Aristo Vencamil					cellulose, microcrystalline maize starch magnesium oxide, heavy sodium starch glycolate (type A) magnesium stearate
	✓	✓	✓	✓	
Crescent					Lactose monohydrate (FlowLac 100) Maize starch (Type B) Croscarmellose sodium (Ac-Di-Sol) Gelatin 120 Bloom Purified water Magnesium stearate
✓	✓	✓	✓	✓	
Glenmark					Microcrystalline Cellulose (E460), Croscarmellose Sodium, Light Magnesium Oxide (E530), Sodium Stearyl Fumarate.
	✓	✓		✓	
Teva and AAH Hillcross 25 only					maize starch, mannitol (E421), microcrystalline cellulose, sodium citrate, acacia and magnesium stearate
✓	✓	✓	✓	✓	
Wockhardt (OLD product - 25 microgram only)					Lactose Sucrose fine powder Maize starch Magnesium stearate
	✓				
Last updated: Wednesday, 9 April 2025 13:53					

Non-current levothyroxine tablet product matrix on [NEXT ↓](#) page.

Matrix of UK Levothyroxine Tablets - Non-current

Current levothyroxine tablet product matrix on [PREVIOUS](#) ↑ page.

12.5 mcg	25 mcg	50 mcg	75 mcg	100 mcg	Excipients
<u>Intermed including Teriston</u> †					Cellulose Powdered Sodium Croscarmellose (E 468) Silica, colloidal anhydrous Microcrystalline Cellulose Magnesium Stearate (E470b)
	✓	✓	✓	✓	
<u>Kent</u> †					Lactose monohydrate (FlowLac 100) Maize starch (Type B) Croscarmellose sodium (Ac-Di-Sol) Gelatin 120 Bloom Purified water Magnesium stearate
✓	✓	✓	✓	✓	
<u>Northstar 25 (see Teva)</u> †					
<u>Northstar 50 & 100 (see Accord)</u> †					
<u>Recipharm/RPH</u> †					Lactose Sucrose Maize Starch Magnesium Stearate
	✓	✓		✓	
<u>Sun (formerly Ranbaxy)</u> †					Microcrystalline cellulose (E 460(i)) Pregelatinised starch Hydroxypropyl cellulose (E463) Magnesium stearate (E572) Titanium dioxide (E171) Indigo carmine (E132)
✓	✓	✓	✓	✓	
<u>Wockhardt (NEW product - all dosages)</u> †					Lactose monohydrate Maize starch Croscarmellose sodium Gelatin Magnesium stearate
✓	✓	✓	✓	✓	
<u>Wockhardt (OLD product - 25 microgram only)</u>					Lactose Sucrose fine powder Maize starch Magnesium stearate
	✓				
Last updated: Wednesday, 9 April 2025 13:53					

Details of levothyroxine tablet products

❖ AAH Hillcross - Levothyroxine tablets

Own-label supplier [AAH Hillcross](#) a subsidiary of [AAH](#).

See actual products. The formulation and manufacturer vary by dosage. (One is manufactured by Teva and two by Accord).

AAH Hillcross is not the same company as the former Hillcross pharmacies.

AAH Hillcross is a branding/packaging owned by AAH. As of April 2025, AAH Pharmaceuticals is owned by Admenta UK Limited, which holds 75% or more of its shares. Admenta UK Limited is part of the Hallo Healthcare Group, a collection of healthcare businesses acquired by the German private equity firm Aurelius Group in April 2022.

Dosage 25 microgram

See [Teva Levothyroxine tablets](#).

dm+d

<https://dmd-browser.nhsbsa.nhs.uk/ampp/view/196011>

Indicative Price: 74; Start Date: 07-03-2025

Dosage 50 microgram

See [Accord Levothyroxine tablets](#).

dm+d

<https://dmd-browser.nhsbsa.nhs.uk/ampp/view/197702>

Indicative Price: 61; Start Date: 07-03-2025

Dosage 100 microgram

See [Accord Levothyroxine tablets](#).

dm+d

<https://dmd-browser.nhsbsa.nhs.uk/ampp/view/197699>

Indicative Price: 62; Start Date: 07-03-2025

Brand history

06/11/2023 25 microgram tablets officially available.

16/04/2024 50 and 100 microgram tablets officially available

- ❖ Accord - Levothyroxine tablets
- ❖ AAH Hillcross - Levothyroxine tablets 50 & 100
- ❖ Almus - Levothyroxine tablets
- ❖ NorthStar - Levothyroxine tablets 50 & 100 †

Marketing Authorisation Holder and Manufacturer **Accord-UK** in UK.

If you're looking for Levothyroxine branded Accord outside the UK, you'll likely find a completely different product with a different formulation.

Excipients

Lactose
Magnesium stearate
Maize starch
Pregelatinised maize starch
Stearic acid

Dosage 50 microgram

Side 1	Side 2					
T A	Ⓒ	6mm	3.4mm	76mg	Round	White



Lactose 39.95mg

PL/MAH

PL 00142/0104

From 18-03-2019 as Accord

PIP

108-1173

GTIN

05012617009258

SNOMED

1532511000001104

From 19-03-2019 as Almus

PIP

111-7159

GTIN

5060057401620

SNOMED

1532511000001104

From 16-04-2024 as AAH Hillcross

PIP	Not known
GTIN	Not known
SNOMED	42763511000001100
MHRA SmPC	https://products.mhra.gov.uk/search/?search=%22PL+00142%2F0104%22&page=1&doc=Spc&rerouteType=0
Accord SmPC	https://www.accord-healthcare-products.co.uk/document/smpc-levothyroxine-tablets-bp-50-micrograms
dm+d	Accord https://dmd-browser.nhsbsa.nhs.uk/ampp/view/2078 Indicative Price: 60; Start Date: 07-02-2025 Almus https://dmd-browser.nhsbsa.nhs.uk/ampp/view/43945 Indicative Price: 61; Start Date: 10-01-2025 AAH Hillcross https://dmd-browser.nhsbsa.nhs.uk/ampp/view/197702 Indicative Price: 61; Start Date: 07-03-2025

Dosage 100 microgram

Side 1	Side 2					
T C		6.1mm	3.2mm	100mg	Round	White



Lactose 54.90mg



PL/MAH

PL 00142/0105

From 18-03-2019 as Accord

PIP	108-1165
GTIN	05012617009265
SNOMED	1547911000001107

From 19-03-2019 as Almus

PIP	111-7142
GTIN	05060057401644
SNOMED	9809411000001106

From 16-04-2024 as AAH Hillcross

PIP	Not known
GTIN	Not known
SNOMED	42763011000001108
Accord SmPC	https://www.accord-healthcare-products.co.uk/document/smpc-levothyroxine-tablets-bp-100-micrograms
MHRA SmPC	https://products.mhra.gov.uk/search/?search=%22PL+00142%2F0105%22&page=1&doc=SpC&rerouteType=0
dm+d	Accord https://dmd-browser.nhsbsa.nhs.uk/ampp/view/2233 Indicative Price: 60; Start Date: 08-01-2025 Almus https://dmd-browser.nhsbsa.nhs.uk/ampp/view/43944 Indicative Price: 62; Start Date: 10-01-2025 AAH Hillcross https://dmd-browser.nhsbsa.nhs.uk/ampp/view/197699 Indicative Price: 62; Start Date: 07-03-2025

All dosages

Accord PIL	https://www.accord-healthcare-products.co.uk/document/pil-levothyroxine-tablets
MHRA PIL	https://products.mhra.gov.uk/search/?search=%22PL+00142%2F0105%22&page=1&doc=Pil&rerouteType=0

Brand History

08/06/1978 - 2001	Cox Thyroxine
2002 - 2004	Alpharma
2005 - 2019	Actavis
2012	Supplied under Lloyds branding. This ceased before Northstar became available.
2011 - on	Also supplied as Almus
2018 - 2023	Also supplied as Northstar.
19/03/2019	Rebranded as Accord
2023	Northstar no longer marketed.
16/04/2024	Also supplied as AAH Hillcross

❖ Advanz Pharma (Mercury Pharma) - Levothyroxine tablets

❖ Advanz Pharma (Mercury Pharma) - Eltroxin tablets

Marketing Authorisation Holder Advanz. Manufacturer Custom Pharmaceuticals in UK.

Advanz Pharma own Mercury Pharma. Products could be listed and packaged under either or both company names.

The brand name Eltroxin is used by at least two other companies outside the UK and the formulations will be different.

Excipients

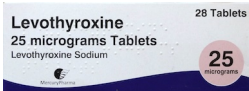
- Sodium citrate
- Lactose
- Maize starch
- Powdered acacia
- Magnesium stearate

Dosage 25 microgram

Side 1	Side 2	↔	↕	⚠		
LT	25	5.5mm	3.2mm	85mg	Round	White



Acacia
Lactose 54.90mg



PL/MAH

PL 12762/0016

From 28-01-2010 as Eltroxin

PIP

109-5124

GTIN

5021691110040

SNOMED

1526911000001107

From 21-05-2012 as Advanz Pharma / Mercury Pharma

PIP

Not known

GTIN 5021691110002

SNOMED 1526911000001107

MHRA PIL <https://products.mhra.gov.uk/search/?search=%22PL+12762%2F0016%22&page=1&doc=Pil&rerouteType=0>

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+12762%2F0016%22&page=1&doc=Spc&rerouteType=0>

dm+d Eltroxin <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/2022>
Indicative Price: 254; Start Date: 01-09-2017
Generic <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/91840>
Indicative Price: 305; Start Date: 07-09-2016

Dosage 50 microgram

Side 1	Side 2					
LT	50	mm	mm	mg	Round	White



Acacia
Lactose 48.86mg

PL/MAH PL 10972/0031

From 28-01-2010 as Eltroxin

PIP Not known

GTIN 5021691110057

SNOMED 1533111000001102

From 21-05-2012 as Advanz Pharma / Mercury Pharma

PIP Not known

GTIN 5021691032076

SNOMED 19313711000001102

MHRA PIL <https://products.mhra.gov.uk/search/?search=%22PL+10972%2F0031%22&page=1&doc=Pil&rerouteType=0>

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+10972%2F0031%22&page=1&doc=Spc&rerouteType=0>

dm+d

Eltroxin <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/2084>

Indicative Price: 177; Start Date: 01-09-2017

Generic <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/86011>

Indicative Price: 128; Start Date: 18-05-2012

Dosage 100 microgram

Side 1	Side 2					
LT	100	mm	mm	mg	Round	White



Acacia

Lactose 48.86mg

PL/MAH

PL 10972/0032

From 28-01-2010 as Eltroxin

PIP

Not known

GTIN

5021691110064

SNOMED

1552311000001106

From 21-05-2012 as Advanz Pharma / Mercury Pharma

PIP

Not known

GTIN

5021691032069

SNOMED

19313311000001101

MHRA PIL

<https://products.mhra.gov.uk/search/?search=%22PL+10972%2F0032%22&page=1&doc=Pil&rerouteType=0>

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+10972%2F0032%22&page=1&doc=SpC&rerouteType=0>

dm+d

Eltroxin <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/2278>

Indicative Price: 178; Start Date: 01-09-2017

Generic <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/86010>

Indicative Price: 124; Start Date: 18-05-2012

Side 1	Side 2					
LT	100	mm	mm	mg	Round	White

Brand history

1949 – 1951	Glaxo L-Thyroxine
1951 – 1992	Glaxo Eltroxin
16/11/1993	50 and 100 tablets Mercury Pharmaceuticals Ltd. approved.
1992 – 2011	Goldshield Eltroxin
19/11/1999	25 tablets Mercury Pharmaceuticals Ltd. approved.
29/06/2000 – 2012	Forley Generics Levothyroxine (Advanz Pharma Generics.(UK) Limited
2012 – date	Mercury Pharma Eltroxin & Levothyroxine
2005 – 2012	Also supplied as Teva (25 micrograms only)
20/04/2016	Eltroxin branded product reinstated

Parts of the company have previously been known as Mercury Pharma Group Limited, Concordia, Amdipharm, Goldshield.

❖ Almus - Levothyroxine tablets

Marketing Authorisation Holder and Manufacturer [Accord](#).

'Own label supplier' in UK currently owned by Amerisourcebergen UK Holdings Ltd.

Almus Pharmaceuticals Limited, commonly known as Almus UK, is a pharmaceutical company specializing in generic medications. As of June 1, 2021, the company is wholly owned by AmerisourceBergen UK Holdings Ltd, which holds 75% or more of its shares and voting rights. Companies House

AmerisourceBergen UK Holdings Ltd is a subsidiary of AmerisourceBergen Corporation, a global pharmaceutical sourcing and distribution company headquartered in the United States. This acquisition reflects AmerisourceBergen's strategic expansion in the UK pharmaceutical market.

(Formerly part of [Walgreen Boots Alliance](#) – which also owned Boots pharmacies and Alliance distributor.)

This is currently Accord product packaged in an Almus branded outer. This could change so always check.

Dosage 50 microgram

From 19-03-2019 as Almus

PIP	111-7159
GTIN	05060057401620
SNOMED	9809611000001109
dm+d	Almus https://dmd-browser.nhsbsa.nhs.uk/ampp/view/43945 Indicative Price: 61; Start Date: 10-01-2025

All other details identical to [Accord Levothyroxine tablets](#).

Dosage 100 microgram

From 19-03-2019 as Almus

PIP	111-7142
GTIN	05060057401644
SNOMED	9809411000001106

dm+d

Almus <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/43944>

Indicative Price: 62; Start Date: 10-01-2025

All other details identical to [Accord Levothyroxine tablets](#).

❖ Aristo - Vencamil tablets

❖ Aristo - Levothyroxine tablets †

Marketing Authorisation Holder and Manufacturer [Aristo](#).

12.5 microgram tablets are planned and currently in MHRA approval processing.

In some countries, patient information advises that Aristo products can be split by pressure from a thumb - no device needed.

All future UK product will only be in branded Vencamil packaging.
The tablets are identical in all markets - e.g. Germany, UK, Ireland.

Excipients

*cellulose, microcrystalline
maize starch
magnesium oxide, heavy
sodium starch glycolate (type A)
magnesium stearate*

Dosage 12.5 microgram

Side 1	Side 2					
					Round	White

PL/MAH Not yet allocated

PIP Not known

GTIN

SNOMED

Dosage 25 microgram

Side 1	Side 2					
25		7mm	3mm	mg	Round	White



PL/MAH

PL 40546/0210

PIP

428-2125

GTIN

4251575905795

SNOMED

42758311000001107

MHRA PIL

<https://products.mhra.gov.uk/search/?search=%22PL+40546%2F0210%22&page=1&doc=Pil&rerouteType=0>

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+40546%2F0210%22&page=1&doc=SpC&rerouteType=0>

dm+d

Vencamil <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/197673>

Indicative Price: 253; Start Date: 15-07-2024

Dosage 50 microgram

Side 1	Side 2					
50		7mm	3mm	mg	Round	White

PL/MAH

PL 40546/0211

PIP

428-2133

GTIN

4251575905801

SNOMED

42758511000001101

MHRA PIL

<https://products.mhra.gov.uk/search/?search=%22PL+40546%2F0211%22&page=1&doc=Pil&rerouteType=0>

MHRA SmPC




<https://products.mhra.gov.uk/search/?search=%22PL+40546%2F0211%22&page=1&doc=SpC&rerouteType=0>

dm+d

Vencamil <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/197674>

Indicative Price: 176; Start Date: 15-07-2024




Dosage 75 microgram

Side 1	Side 2					
75		7mm	3mm	mg	Round	White

PL/MAH PL 40546/0212**PIP** 428-2141**GTIN** 4251575905818**SNOMED** 42758711000001106**MHRA PIL** <https://products.mhra.gov.uk/search/?search=%22PL+40546%2F0212%22&page=1&doc=Pil&rerouteType=0>**MHRA SmPC** <https://products.mhra.gov.uk/search/?search=%22PL+40546%2F0212%22&page=1&doc=SpC&rerouteType=0>**dm+d** Vencamil <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/197675>

Indicative Price: 253; Start Date: 15-07-2024

Dosage 100 microgram

Side 1	Side 2					
100		7mm	3mm	121mg	Round	White

**PL/MAH** PL 40546/0159**From 26-08-2019 as Levothyroxine****PIP** 123-4418**GTIN** 4251575902701**SNOMED** 37577911000001106**From 06-02-2023 as Vencamil**

PIP	423-2757
GTIN	4251575905429
SNOMED	41433111000001107
MHRA PIL	https://products.mhra.gov.uk/search/?search=%22PL+40546%2F0159%22&page=1&doc=Pil&rerouteType=0
MHRA SmPC	https://products.mhra.gov.uk/search/?search=%22PL+40546%2F0159%22&page=1&doc=Spc&rerouteType=0
dm+d	Vencamil https://dmd-browser.nhsbsa.nhs.uk/ampp/view/193046 Indicative Price: 177; Start Date: 06-02-2023

Brand history

08-07-2019	100 microgram approved
26-08-2019	Aristo levothyroxine launched
06-02-2023	Aristo Vencamil launched
04-10-2023	Aristo has decided to stop selling the generic version of Vencamil and only provide the branded version. Alliance has already stopped taking generic products and removed the PIP code from their systems. But the generic version will still be available for a while longer.
12-02-2024	25, 50 and 75 microgram tablets approved
08-2024	25, 50 and 75 microgram product to be launched (to be followed later by 12.5)
15-07-2024	25, 50 and 75 listed in dm+d.
07-08-2024	New products expected from around 21-08-2024 or shortly after.
28-08-2024	25, 50 and 75 released into supply chain.

❖ Crescent - Levothyroxine tablets

Marketing Authorisation Holder and Manufacturer **Crescent**.




See **Kent - Levothyroxine tablets**.

These Crescent levothyroxine products were first licensed as Kent Pharma UK Ltd products, hence the PAR document is under that name. But the licence numbers for the individual products are not the same as originally issued to Kent Pharma UK Ltd.

Excipients

Lactose monohydrate (FlowLac 100)
Maize starch (Type B)
Croscarmellose sodium (Ac-Di-Sol)
Gelatin 120 Bloom
Purified water
Magnesium stearate

Dosage **12.5 microgram**

Side 1	Side 2					
12.5	○	mm	mm	mg	Round	



Lactose 32.74mg

PL/MAH

PL 20416/0778

PIP

Not known

GTIN

5017123002427

SNOMED

43739811000001100

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+20416%2F0778%22&page=1&doc=Spc&rerouteType=0>

dm+d

Crescent <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/202570>

Indicative Price: 1579; Start Date: 16-09-2024

Dosage 25 microgram

Side 1	Side 2					
25		mm	mm	mg	Round	White



Lactose 65.47mg

PL/MAH

PL 20416/0779

PIP

Not known

GTIN

5017123002434

SNOMED

1528111000001108

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+20416%2F0779%22&page=1&doc=Spc&rerouteType=0>

dm+dCrescent <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/2034>

Indicative Price: 77; Start Date: 18-09-2024

Dosage 50 microgram

Side 1	Side 2					
50		mm	mm	mg	Round	White



Lactose 65.45mg

PL/MAH

PL 20416/0780

PIP

Not known

GTIN

5017123002441

SNOMED

1533411000001107

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+20416%2F0780%22&page=1&doc=Spc&rerouteType=0>

dm+dCrescent <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/2087>

Indicative Price: 64; Start Date: 18-09-2024

Dosage 75 microgram

Side 1	Side 2					
75		mm	mm	mg	Round	White



Lactose 65.42mg

PL/MAH

PL 20416/0781

PIP

Not known

GTIN

5017123002458

SNOMED

43740011000001104

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+20416%2F0781%22&page=1&doc=SpC&rerouteType=0>

dm+d

Crescent <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/202571>
Indicative Price: 327; Start Date: 16-09-2024

Dosage 100 microgram

Side 1	Side 2					
100		mm	mm	mg	Round	White



Lactose 65.40mg

PL/MAH

PL 20416/0782

PIP

Not known

GTIN

5017123002465

SNOMED

1553111000001103

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+20416%2F0782%22&page=1&doc=SpC&rerouteType=0>

dm+d

Crescent <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/2286>
Indicative Price: 68; Start Date: 18-09-2024



All dosages

The original MHRA PAR was issued in relation to the Kent product.

MHRA PIL

<https://products.mhra.gov.uk/search/?search=%22PL+20416%2F0778%22&page=1&doc=Pil&rerouteType=0>

MHRA PAR

<https://products.mhra.gov.uk/search/?search=%22PL+51463%2F0050%22&page=1&doc=Par&rerouteType=0>

Brand history

05-10-2022

PAR approved

06-2024

First dispensing reported and all dosages other than 12.5 microgram are in stock.

❖ Glenmark - Levothyroxine tablets

Marketing Authorisation Holder and Manufacturer [Glenmark](#).

Product was available then withdrawn.

It appears that this might be available after re-approval at the beginning 2025.

SmPC documents were revised 06/02/2024.

PIL document was revised March 2025.

Excipients

*Microcrystalline Cellulose (E460),
Croscarmellose Sodium, Light Magnesium
Oxide (E530), Sodium Stearyl Fumarate.*

Dosage 25 microgram

Side 1	Side 2					
G 01	○	7mm	mm	mg	Round	White



PL/MAH PL 25258/0293

PIP Not known

GTIN 05060204166648 (from 22-02-2023)

SNOMED 41494611000001107

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+25258%2F0293%22&page=1&doc=Spc&rerouteType=0>

dm+d Glenmark <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/193337>

Indicative Price: 176; Start Date: 22-02-2023

Dosage 50 microgram

Side 1	Side 2					
G 02	○	7mm	mm	mg	Round	White



PL/MAH PL 25258/0294

PIP Not known

GTIN

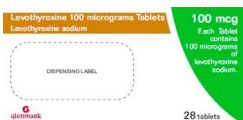
SNOMED

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+25258%2F0294%22&page=1&doc=SpC&rerouteType=0>

dm+d Glenmark n/a
No Price Available

Dosage 100 microgram

Side 1	Side 2					
G 03	○	7mm	mm	mg	Round	White



PL/MAH PL 25258/0295

PIP Not known

GTIN 0506020416662 (from 22-02-2023)

SNOMED 41494811000001106

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+25258%2F0295%22&page=1&doc=SpC&rerouteType=0>

dm+d

Glenmark <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/193338>

No Price Available

All dosages

MHRA PIL

<https://products.mhra.gov.uk/search/?search=%22PL+25258%2F0293%22&page=1&doc=Pil&rerouteType=0>

MHRA PAR

<https://products.mhra.gov.uk/search/?search=%22PL+25258%2F0295%22&page=1&doc=Par&rerouteType=0>

Brand History

07-09-2020

PAR approved.

22-02-2023

Launched.

2023

Removed from market. However some products are available and it appears other will return to market early 2025.

❖ Intermed - Teriston tablets †

❖ Intermed - Levothyroxine tablets †

Marketing Authorisation Holder and Manufacturer **Intermed**

Product does not yet appear to have been marketed.

Dosage 25 microgram

PL/MAH PL 51883/0001

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+51883%2F0001%22&page=1&doc=Spc&rerouteType=0>

Dosage 50 microgram

PL/MAH PL 51883/0002

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+51883%2F0002%22&page=1&doc=Spc&rerouteType=0>

Dosage 75 microgram

PL/MAH PL 51883/0003

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+51883%2F0003%22&page=1&doc=Spc&rerouteType=0>

Dosage 100 microgram

PL/MAH PL 51883/0004

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+51883%2F0004%22&page=1&doc=Spc&rerouteType=0>

All dosages

MHRA PIL

<https://products.mhra.gov.uk/search/?search=%22PL+51883%2F0001%22&page=1&doc=Pil&rerouteType=0>

MHRA PAR

<https://products.mhra.gov.uk/search/?search=%22PL+51883%2F0001%22&page=1&doc=Par&rerouteType=0>

Brand history

17-05-2022

PAR approved.

❖ Kappler - Levothyroxine tablets †

Marketing Authorisation Holder [Kappler](#).

Product does not appear to have been marketed.

Dosage **100 microgram**

PL/MAH PL 22363/0016

MHRA PAR <https://products.mhra.gov.uk/search/?search=%22PL+22363%2F0016%22&page=1&doc=Par&rerouteType=0>

Brand history

08-07-2019 PAR approved

❖ Kent - Levothyroxine tablets †

Marketing Authorisation Holder and Manufacturer [Kent](#).

Product does not appear to have been marketed. SmPC and PIL no longer accessible.

This product is identical to [Crescent levothyroxine](#) and dm+d entries refer to the Crescent products.

Dosage 12.5 microgram



Lactose 32.74mg



PL/MAH PL 51463/0046

dm+d See [Crescent 12.5](#)

Dosage 25 microgram



Lactose 65.47mg

PL/MAH PL 51463/0047

dm+d See [Crescent 25](#)

Dosage 50 microgram



Lactose 65.45mg

PL/MAH PL 51463/0048

dm+d See [Crescent 50](#)

Dosage 75 microgram



Lactose 65.42mg

PL/MAH PL 51463/0049

dm+d

See [Crescent 75](#)

Dosage

100 microgram



Lactose 65.40mg

PL/MAH

PL 51463/0050

dm+d

See [Crescent 100](#)

All dosages

MHRA PAR

[https://products.mhra.gov.uk/search/?](https://products.mhra.gov.uk/search/?search=%22PL+51463%2F0050%22&page=1&doc=Par&rerouteType=0)

[search=%22PL+51463%2F0050%22&page=1&doc=Par&rerouteType=0](https://products.mhra.gov.uk/search/?search=%22PL+51463%2F0050%22&page=1&doc=Par&rerouteType=0)

Brand history

- 01-10-2016 Old formulation discontinued
- 05-10-2022 PAR approved
- 06-2024 Formulation being produced and supplied by Crescent.

❖ NorthStar - Levothyroxine tablets †

Marketing Authorisation Holders and Manufacturers [Teva](#) and [Accord](#).

Own-label supplier [NorthStar](#).

Products no longer marketed in NorthStar livery.

Dosage **25 microgram**

dm+d

Northstar <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/175017>

Details other than GTIN and SNOMED are identical to [Teva Levothyroxine tablets](#)

Dosage **50 microgram**

dm+d

Northstar <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/161751>

Details other than GTIN and SNOMED are identical to [Accord Levothyroxine tablets](#)

Dosage **100 microgram**

dm+d

Northstar <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/161752>

Details other than GTIN and SNOMED are identical to [Accord Levothyroxine tablets](#)

Brand history

2017	Northstar 50 & 100 first reported
02-2022	Northstar 25 first reported
22-11-2022	Discontinued
02-2023	Northstar presentation levothyroxine will no longer be marketed at all.

❖ RPH - Levothyroxine tablets †

Marketing Authorisation Holder [RPH](#) Manufacturer [Recipharm](#).

Product does not appear to have been marketed.

All MHRA documents no longer available. This product remains for historical interest only.

Brand history

07-10-2001	PAR Approved
28-01-2025	All MHRA documents have been removed. For the record: 25 - PL 36301/0046; 50 - PL 36301/0046; 100 - PL 36301/0048

❖ Sun - Levothyroxine tablets †

Marketing Authorisation Holder and Manufacturer **Sun**.

Product formerly branded Ranbaxy (a Sun subsidiary).

Product does not yet appear to have been marketed.

Excipients

Microcrystalline cellulose (E 460(i))
Pregelatinised starch
Hydroxypropyl cellulose (E463)
Magnesium stearate (E572)
Titanium dioxide (E171)
Indigo carmine (E132)

Dosage 25 microgram



PL/MAH PL 14894/0759

PIP Not known

GTIN

SNOMED

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+14894%2F0759%22&page=1&doc=Spc&rerouteType=0>

Dosage 50 microgram

Side 1	Side 2					
A 6	○	mm	mm	mg	Round	White



PL/MAH PL 14894/0760

PIP Not known

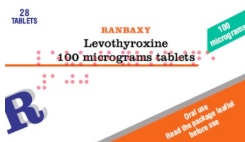
GTIN

SNOMED

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+14894%2F0760%22&page=1&doc=Spc&rerouteType=0>

Dosage 100 microgram

Side 1	Side 2					
A 9	○	mm	mm	mg	Round	White



PL/MAH PL 14894/0761

PIP Not known

GTIN

SNOMED

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+14894%2F0761%22&page=1&doc=Spc&rerouteType=0>

All dosages

MHRA PIL <https://products.mhra.gov.uk/search/?search=%22PL+14894%2F0759%22&page=1&doc=Pil&rerouteType=0>

Brand history

31-08-2021

PAR approved

2022

Branding has changed from Ranbaxy to Sun - same PL numbers.

❖ Teva - Levothyroxine tablets

❖ AAH Hillcross - Levothyroxine tablets 25 only

Marketing Authorisation Holder [Teva](#). Manufacturer [Pliva](#).

AAH Hillcross is a subsidiary of AAH Pharmaceuticals. See [AAH Hillcross - Levothyroxine tablets](#).

Excipients

*maize starch, mannitol (E421),
microcrystalline cellulose, sodium citrate,
acacia and magnesium stearate*

Dosage **12.5 microgram**

Side 1	Side 2					
12.5	○	mm	mm	mg	Round	White



Acacia
Mannitol



PL/MAH PL 00289/1971

PIP 121-2117

GTIN 5017007251484

SNOMED 33617811000001108

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+00289%2F1971%22&page=1&doc=Spc&rerouteType=0>

dm+d Teva <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/156291>
Indicative Price: 1561; Start Date: 01-11-2024

Dosage 25 microgram

Side 1	Side 2					
25		mm	mm	mg	Round	



Acacia
Mannitol



PL/MAH

PL 00289/1972

From 12/11/2024 as AAH Hillcross

PIP

Not known

GTIN

5025903003977

SNOMED

1526111000001109

Teva

PIP

109-8169

GTIN

5017007251583

SNOMED

25011000001104

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+00289%2F1972%22&page=1&doc=Spc&rerouteType=0>

dm+d

AAH Hillcross <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/2014>

Indicative Price: 74; Start Date: 07-03-2025

Teva <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/2688>

Indicative Price: 49; Start Date: 01-11-2024

Dosage 50 microgram

Side 1	Side 2					
50		mm	mm	mg	Round	White



Acacia
Mannitol



PL/MAH

PL 00289/0038

PIP

108-1579

GTIN

5017007251682

SNOMED

1532911000001106

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+00289%2F0038%22&page=1&doc=Spc&rerouteType=0>

dm+d

Teva <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/2082>
Indicative Price: 56; Start Date: 01-12-2023

Dosage

75 microgram

Side 1	Side 2					
75		mm	mm	mg	Round	



Acacia
Mannitol



PL/MAH

PL 00289/1973

PIP

121-2125

GTIN

5017007251781

SNOMED

33616711000001103

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+00289%2F1973%22&page=1&doc=Spc&rerouteType=0>

dm+d

Teva <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/156286>
Indicative Price: 309; Start Date: 01-11-2024



Dosage 100 microgram

Side 1	Side 2					
100		mm	mm	mg	Round	White



Acacia
Mannitol



PL/MAH PL 00289/0039

PIP 108-1587

GTIN 5017007251385

SNOMED 1548511000001101

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+00289%2F0039%22&page=1&doc=SpC&rerouteType=0>

dm+d Teva <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/2239>
Indicative Price: 53; Start Date: 01-04-2023

All dosages

MHRA PIL <https://products.mhra.gov.uk/search/?search=%22PL+00289%2F1971%22&page=1&doc=Pil&rerouteType=0>

Teva PIL Links change every time a PIL is updated so this is a link to the page with links for all dosages:
<https://products.tevauk.com/hcp/levothyroxine--367>

Teva SmPC Links change every time an SmPC is updated so this is a link to the page with links for all dosages:
<https://products.tevauk.com/hcp/levothyroxine--367>

Dosages 12.5, 25 and 75 micrograms

MHRA PAR <https://products.mhra.gov.uk/search/?search=%22PL+00289%2F1971%22&page=1&doc=Par&rerouteType=0>

MHRA PAR

<https://products.mhra.gov.uk/search/?search=%22PL+00289%2F0038%22&page=1&doc=Par&rerouteType=0>

Brand history

30-10-1980	Original product approved 50 and 100 only.
1984 – 1997	APS/Berk - APS Thyroxine, 1997-2004 APS Levothyroxine
2005 – 2012	Goldshield/Forley supplied under Teva branding (25 microgram only)
2012-	Also supplied as Numark
2012 – 2016	All dosages withdrawn due to failing to deliver potency.
15-09-2016	PAR for 50 and 100 approved.
15-09-2016	PAR for 12.5, 25 and 75 approved.
27-10-2016 on	Product entirely reformulated, marked New Formulation, and re-launched under Teva branding.
2018 – 2023	Also supplied as Northstar (25 microgram only).
06-11-2023 on	Also supplied as AAH Hillcross (25 microgram only).

❖ Wockhardt - Levothyroxine tablets (NEW Formulation) †

Marketing Authorisation Holder [Wockhardt](#) Manufacturer [CP](#).

This NEW Formulation is not yet available and there is no known date for release though Wockhardt have confirmed it will probably be in 2025.

The documentation for this new formulation is available on the MHRA Products website. But it is not yet mentioned in the dm+d database nor in the BNF.

Based on previous experience, we can expect the current formulation to remain theoretically available but with variable availability until launch of this new formulation.

NOTE: This new formulation contains gelatin.

Excipients

Lactose monohydrate
Maize starch
Croscarmellose sodium
Gelatin
Magnesium stearate

Dosage **12.5 microgram**

Side 1	Side 2	↔	↕	⚖		
12.5	⊘	mm	mm	mg	Round	White



Lactose 32.74 mg

PL/MAH

PL 29831/0756

PIP

GTIN

SNOMED

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%27PL+29831%2F0756%27&page=1&doc=SpC&rerouteType=0>

dm+d

Wockhardt

Dosage 25 microgram

Side 1	Side 2					
25		5mm	2.1mm	46mg	Round	White



Lactose 65.47 mg

PL/MAH

PL 29831/0757

PIP**GTIN****SNOMED****MHRA SmPC**

<https://products.mhra.gov.uk/search/?search=%27PL+29831%2F0757%27&page=1&doc=Spc&rerouteType=0>

dm+d

Wockhardt

Dosage 50 microgram

Side 1	Side 2					
50		mm	mm	mg	Round	White



Lactose 65.45 mg

PL/MAH

PL 29831/0550

PIP**GTIN****SNOMED****MHRA SmPC**

<https://products.mhra.gov.uk/search/?search=%27PL+29831%2F0550%27&page=1&doc=Spc&rerouteType=0>

dm+d

Wockhardt

Dosage 75 microgram

Side 1	Side 2					
75		mm	mm	mg	Round	White



Lactose 65.42 mg

PL/MAH

PL 29831/0570

PIP

GTIN

SNOMED

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%27PL+29831%2F0570%27&page=1&doc=Spc&rerouteType=0>

dm+d

Wockhardt

Dosage 100 microgram

Side 1	Side 2					
100		mm	mm	mg	Round	White



Lactose 65.40 mg

PL/MAH

PL 29831/0551

PIP

GTIN

SNOMED

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%27PL+29831%2F0551%27&page=1&doc=Spc&rerouteType=0>


dm+d

Wockhardt

All Dosages

PAR has been issued for new formulation in all dosages.

Brand history

08-07-1986	Approved
1997 - 2005	Branded CP Pharmaceuticals.
07-2003	Wockhardt acquired CP Pharmaceuticals.
08-2024	New MHRA documents (PAR, SmPC and PIL) published for 12.5, 25, 50, 75 and 100 tablets in new formulation.
12-2024	25 tablets are changing and will no longer have CP / TX25 but 25 / scoreline  .

❖ Wockhardt - Levothyroxine tablets (OLD formulation)

Marketing Authorisation Holder **Wockhardt** Manufacturer **CP**.




This NEW Formulation is not yet available and there is no known date for release though Wockhardt have confirmed it will probably be in 2025.

This OLD Formulation will probably remain available until just before launch of the new formulation. However, availability might be seriously affected shortly before launch of the new formulation.

Excipients

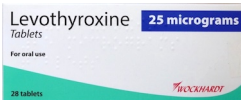
Lactose
Sucrose fine powder
Maize starch
Magnesium stearate

Dosage **25 microgram**

Side 1	Side 2					
CP	TX25	5mm	2.1mm	46mg	Round	White



Lactose: amount unknown



PL/MAH PL 29831/0130

PIP 107-7841

GTIN 5012727902715

SNOMED 1526611000001101

MHRA PIL <https://products.mhra.gov.uk/search/?search=%22PL+29831%2F0130%22&page=1&doc=Pil&rerouteType=0>

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+29831%2F0130%22&page=1&doc=Spc&rerouteType=0>

Brand history

See under [Wockhardt New Formulation](#)

Levothyroxine Oral Solutions H03AA01

Levothyroxine oral solution is often called “liquid levothyroxine”.

Bottles of levothyroxine oral solution have previously been 75 ml - but sometimes dispensed in a pack of two bottles. However, it appears all are now 100 ml. That represents twenty days at one spoonful per day.

All excipients can also be found by visiting the Patient Information Leaflet or Summary of Product Characteristics for each product and going to section 6.

Contents of the pack and other information

What Levothyroxine tablets contain:

- *The active ingredient is [active ingredient].*
- *The other ingredients are [excipients].*

All current products contain 3,780 milligrams of glycerol per 5 millilitre dose.

3,780 milligrams of glycerol is exactly 3 millilitres. That is, 60% of the product is glycerol. Most levothyroxine tablets weigh about 100 milligrams. Glycerol is an excipient just like lactose, mannitol, and magnesium stearate are in tablets..

These oral solutions contain around **thirty** times as much excipient as a typical tablet. They do not avoid excipients. They use different excipients and *in far greater quantity than in tablets* even if you only take a fraction of a 5 millilitre dose.

The matrixes include all excipients and they are listed exactly as they appear in either the SmPC or the PIL.

BNF

Levothyroxine

<https://bnf.nice.org.uk/drugs/levothyroxine-sodium/>

Oral Solutions

<https://bnf.nice.org.uk/drugs/levothyroxine-sodium/medicinal-forms/#oral-solution>

NHS Tariff

Select the NHS Drug Tariff for the current month.

Use  **Search** option. Enter **levothyroxine**.

Click on **Part VIII A products L** and scroll to the required information.

<https://www.nhsbsa.nhs.uk/pharmacies-gp-practices-and-appliance-contractors/drug-tariff>

Matrix of UK Levothyroxine Oral Solutions - Current

Non-current levothyroxine oral solution product matrix on [NEXT ↓](#) page.

25 mcg / 5 ml	50 mcg / 5 ml	75 mcg / 5 ml	100 mcg / 5 ml	125mcg / 5 ml	Excipients
Advanz Pharma - Mercury Pharma <i>excluding <u>Eltroxin</u></i>					Glycerol Citric acid, Monohydrate Sodium Methyl Parahydroxybenzoate (E219) Sodium Hydroxide Purified Water
✓	✓		✓		
Brillpharma					Sodium methyl parahydroxybenzoate (E219) Citric acid monohydrate (for pH adjustment) Sodium Hydroxide (for pH adjustment) Glycerol Purified water
✓	✓	✓	✓		
Teva (current) excluding Teva (original)					Glycerol Citric acid, Monohydrate Sodium Methyl Parahydroxybenzoate (E219) Sodium Hydroxide (for pH-adjustment) Purified Water
✓	✓		✓		
Zentiva					Glycerol Citric acid anhydrous Sodium methyl parahydroxybenzoate (E219) Citric acid 10% Purified water
✓	✓		✓	✓	
Last updated:					Wednesday, 9 April 2025 13:53

Non-current levothyroxine oral solution product matrix on [NEXT ↓](#) page.

Matrix of UK Levothyroxine Oral Solutions - Non-current

Current levothyroxine oral solution product matrix on [PREVIOUS](#) ↑ page.

25 mcg / 5 ml	50 mcg / 5 ml	75 mcg / 5 ml	100 mcg / 5 ml	125mcg / 5 ml	Excipients
<u>Advanz - Eltroxin</u> †					<i>Sodium Methyl Parahydroxybenzoate (E219)</i>
✓	✓		✓		
<u>Creo</u> †					<i>Sodium methyl parahydroxybenzoate (E219)</i>
✓	✓	✓	✓		
<u>DLRC</u> †					<i>Sodium Methyl Parahydroxybenzoate (E219)</i>
✓	✓		✓		
<u>Helm AG</u> †					<i>Sodium Methyl Parahydroxybenzoate (E219)</i>
✓	✓		✓		
<u>Northumbria</u> †					<i>Sodium Methyl Parahydroxybenzoate (E219)</i>
✓	✓		✓		
<u>Syri</u> †					<i>Sodium Methyl Parahydroxybenzoate (E219)</i>
✓	✓		✓		
<u>Ten Pharma</u> †					<i>Sodium Methyl Parahydroxybenzoate (E219)</i>
✓	✓		✓		
<u>Teva (original)</u> †					<i>Sodium Methyl Parahydroxybenzoate (E219)</i>
✓	✓		✓		
<u>Wockhardt</u> †					<i>Sodium Methyl Parahydroxybenzoate (E219)</i>
✓	✓		✓		
<i>Last updated: Wednesday, 9 April 2025 13:53</i>					

Current levothyroxine oral solution product matrix on [PREVIOUS](#) ↑ page.

Details of levothyroxine oral solution products

❖ Advanz Pharma (Mercury Pharma) - Levothyroxine Oral Solution

❖ Advanz Pharma (Mercury Pharma) - Eltroxin Oral Solution †

Marketing Authorisation Holder [Advanz](#). Manufacturer [Delpharm](#).

The brand name Eltroxin is used by at least two other companies outside the UK.

No longer supplied in Eltroxin presentation.

Excipients

Glycerol
Citric acid, Monohydrate
Sodium Methyl Parahydroxybenzoate (E219)
Sodium Hydroxide
Purified Water

Dosage 25 microgram per 5ml



Glycerol: 3,780mg per 5ml dose.

PL/MAH

PL 12762/0459

PIP

Not known

GTIN

5021691019107

SNOMED

23306411000001102

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+12762%2F0459%22&page=1&doc=Spc&rerouteType=0>

dm+d

Advanz Pharma / Mercury Pharma <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/105197>

Indicative Price: 5087; Start Date: 01-10-2013

Dosage 50 microgram per 5ml



Glycerol: 3,780mg per 5ml dose.

↑ **LT4 tabs**



LT3

A B C D E F G

PL/MAH PL 12762/0461

PIP Not known

GTIN 5021691019114

SNOMED 23306811000001100

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+12762%2F0461%22&page=1&doc=Spc&rerouteType=0>

dm+d Advanz Pharma / Mercury Pharma <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/105199>

Indicative Price: 5358; Start Date: 01-10-2013

Dosage 100 microgram per 5ml



Glycerol: 3,780mg per 5ml dose.

PL/MAH PL 12762/0462

PIP Not known

GTIN 5021691019121

SNOMED 23307011000001109

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+12762%2F0462%22&page=1&doc=Spc&rerouteType=0>

dm+d Advanz Pharma / Mercury Pharma <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/105200>

Indicative Price: 11440; Start Date: 01-10-2015

All dosages

MHRA PIL <https://products.mhra.gov.uk/search/?search=%22PL+12762%2F0459%22&page=1&doc=Pil&rerouteType=0>

Brand history

04-05-2012	Approved.
01-10-2013	Available
20-10-2015	Eltroxin branded version discontinued
01-10-2015	Revised version available

❖ Brillpharma - Levothyroxine Oral Solution

Marketing Authorisation Holder **Brillpharma** and Manufacturer **LM**.

Excipients

Sodium methyl parahydroxybenzoate (E219)
Citric acid monohydrate (for pH adjustment)
Sodium Hydroxide (for pH adjustment)
Glycerol
Purified water

Dosage 25 microgram per 5ml



Glycerol: quantity not known.



PL/MAH PL 40496/0016

PIP 125-0091

GTIN 5060712420089

SNOMED 39914411000001104

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+40496%2F0016%22&page=1&doc=SpC&rerouteType=0>

dm+d Brillpharma <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/185985>
Indicative Price: 9499; Start Date: 16-07-2021

Dosage 50 microgram per 5ml



Glycerol: quantity not known.



PL/MAH PL 40496/0017
PIP 125-0125
GTIN 5060712420096
SNOMED 39914611000001101

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+40496%2F0017%22&page=1&doc=Spc&rerouteType=0>

dm+d Brillpharma <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/185986>
 Indicative Price: 9127; Start Date: 16-07-2021

Dosage 75 microgram per 5ml



Glycerol: quantity not known.



PL/MAH PL 40496/0018
PIP 125-0117
GTIN 5060712420102
SNOMED 39929911000001103

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+40496%2F0018%22&page=1&doc=Spc&rerouteType=0>

dm+d Brillpharma <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/186061>
 Indicative Price: 16350; Start Date: 18-03-2025

Dosage 100 microgram per 5ml



Glycerol: quantity not known.



PL/MAH PL 40496/0019

PIP 125-0109

GTIN 5060712420119

SNOMED 39915111000001108

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+40496%2F0019%22&page=1&doc=Spc&rerouteType=0>

dm+d Brillpharma <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/185988>
Indicative Price: 16499; Start Date: 16-07-2021

All dosages

MHRA PIL <https://products.mhra.gov.uk/search/?search=%22PL+40496%2F0016%22&page=1&doc=Pil&rerouteType=0>

MHRA PAR <https://products.mhra.gov.uk/search/?search=%22PL+40496%2F0016%22&page=1&doc=Par&rerouteType=0>

Brand history

23-04-2021 PAR approved.

16-07-2021 Available

❖ Creo - Levothyroxine Oral Solution †

See [Zentiva - Levothyroxine Oral Solution](#).

Creo was taken over by Zentiva and all products have been re-branded. MHRA have withdrawn all product documentation in the name Creo.

❖ DLRC - Helmroxin Oral solution †

Marketing Authorisation Holder [DLRC](#) Manufacturer [Galenica](#).

PIL and SmPC documents no longer available.

Dosage 25 microgram per 5ml

PL/MAH PL 33200/0007

Dosage 50 microgram per 5ml

PL/MAH PL 33200/0008

Dosage 100 microgram per 5ml

PL/MAH PL 33200/0009

[All dosages](#)

MHRA PAR <https://products.mhra.gov.uk/search/?search=helmroxin&page=1&doc=Par&rerouteType=0>

Brand history

02-2021	PAR approved
11-2023	PIL and SmPC no longer on MHRA site and appears no longer marketed.

❖ Helm AG - Levothyroxine Oral Solution †

Marketing Authorisation Holder [Helm AG](#) Manufacturer [Galenica](#).

Appears to be the generic version of [DLRC Helmroxin](#).

❖ Northumbria - Levothyroxine Oral Solution †

Marketing Authorisation Holder **Northumbria** Manufacturer **BCM**.

Discontinued as of 28-06-2023

Dosage 25 microgram per 5ml



Glycerol (E422): 3,780mg per 5ml dose.

PL/MAH

PLGB 48259/0087

GTIN

5060627640022

SNOMED

36440311000001102

MHRA PIL

<https://products.mhra.gov.uk/search/?search=%22PLGB+48259%2F0087%22&page=1&doc=Pil&rerouteType=0>

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PLGB+48259%2F0087%22&page=1&doc=Spc&rerouteType=0>

dm+d

Northumbria <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/169383>

Dosage 50 microgram per 5ml



Glycerol (E422): 3,780mg per 5ml dose.

PL/MAH

PLGB 48259/0088

GTIN

5060627640039

SNOMED

36440511000001108

MHRA PIL

<https://products.mhra.gov.uk/search/?search=%22PLGB+48259%2F0088%22&page=1&doc=Pil&rerouteType=0>

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PLGB+48259%2F0088%22&page=1&doc=Spc&rerouteType=0>

dm+d

Northumbria <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/169384>

Dosage 100 microgram per 5ml



Glycerol (E422): 3,780mg per 5ml dose.

PL/MAH

PLGB 48259/0089

GTIN

5060627640046

SNOMED

36440711000001103

MHRA PIL

<https://products.mhra.gov.uk/search/?search=%22PLGB+48259%2F0089%22&page=1&doc=Pil&rerouteType=0>

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PLGB+48259%2F0089%22&page=1&doc=Spc&rerouteType=0>

dm+d

Northumbria <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/169385>

Brand history

21-05-2018

Approved

28-06-2023

Discontinued



❖ Syri - Levothyroxine Oral Solution †

Marketing Authorisation Holder and Manufacturer [SyriMed](#).

2023-02-03 Confirmed by SyriMed that this range is no longer being marketed.

Dosage 25 microgram per 5ml

PL/MAH PL 39307/0092

Dosage 50 microgram per 5ml

PL/MAH PL 39307/0093

Dosage 100 microgram per 5ml

PL/MAH PL 39307/0094

All dosages

MHRA PIL <https://products.mhra.gov.uk/search/?search=%22PL+39307%2F0092%22&page=1&doc=Pil&rerouteType=0>

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+39307%2F0092%22&page=1&doc=Spc&rerouteType=0>

Brand history

05-08-2021	PAR approved.
2023	No longer marketed.

❖ Ten Pharma - Levothyroxine Oral Solution †

Marketing Authorisation Holder and Manufacturer [Ten Pharma](#) and
Manufacturer [BCM](#).

No longer marketed - all documents removed from MHRA.

Dosage 25 microgram per 5ml



Glycerol (E422): 3,780mg per 5ml dose.

PL/MAH

PLGB 34777/0010

Dosage 50 microgram per 5ml



Glycerol (E422): 3,780mg per 5ml dose.

PL/MAH

PLGB 34777/0011

Dosage 100 microgram per 5ml



Glycerol (E422): 3,780mg per 5ml dose.

PL/MAH

PLGB 34777/0012

Brand history

❖ Teva - Levothyroxine Oral solution (current)

Marketing Authorisation Holder **Teva** Manufacturer **Galenica** in Greece.

Excipients

Glycerol
Citric acid, Monohydrate
Sodium Methyl Parahydroxybenzoate (E219)
Sodium Hydroxide (for pH-adjustment)
Purified Water

Dosage 25 microgram per 5ml



Glycerol (E422): 3,780mg per 5ml dose.



PL/MAH PL 00289/2542

PIP 118-1312

GTIN 5017007607205

SNOMED 22110211000001100

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+00289%2F2542%22&page=1&doc=Spc&rerouteType=0>

Teva SmPC Links change every time the SmPC is updated so this is a link to the page with the current link:
<https://products.tevauk.com/mediafile/id/53461.pdf>

dm+d Teva <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/99487>

Indicative Price: 9500; Start Date: 01-10-2015

Dosage 50 microgram per 5ml



Glycerol (E422): 3,780mg per 5ml dose.



PL/MAH PL 00289/2543

PIP 118-1320

GTIN 5017007607212

SNOMED 22110411000001101

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+00289%2F2543%22&page=1&doc=Spc&rerouteType=0>

Teva SmPC Links change every time the SmPC is updated so this is a link to the page with the current link:
<https://products.tevauk.com/hcp/levothyroxine--367>

dm+d Teva <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/99488>
Indicative Price: 8898; Start Date: 08-04-2015

Dosage 100 microgram per 5ml



Glycerol (E422): 3,780mg per 5ml dose.



PL/MAH PL 00289/2544

PIP 118-1338

GTIN 5017007607229

SNOMED 22110611000001103

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+00289%2F2543%22&page=1&doc=Spc&rerouteType=0>

Teva SmPC Links change every time the SmPC is updated so this is a link to the page with the current link:
<https://products.tevauk.com/hcp/levothyroxine--367>

dm+d

Teva <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/99489>

Indicative Price: 16500; Start Date: 04-11-2015

All dosages

MHRA PIL

<https://products.mhra.gov.uk/search/?search=%22PL+00289%2F2542%22&page=1&doc=Pil&rerouteType=0>

Teva PIL

Links change every time the PIL is updated so this is a link to the page with the current link:

<https://products.tevauk.com/hcp/levothyroxine--367>

Brand history

03-07-2023

PAR approved.

❖ Teva - Levothyroxine Oral solution (original) †

Marketing Authorisation Holder [Teva](#) Manufacturer [Delpharm](#).

This product has been replaced by another manufactured in Greece. See [Teva – Levothyroxine Oral solution \(current\)](#).

Dosage 25 microgram per 5ml

PL/MAH PL 00289/1593

Dosage 50 microgram per 5ml

PL/MAH PL 00289/1594

Dosage 100 microgram per 5ml

PL/MAH PL 00289/1595

Brand history

07-01-2021 Approved

02-07-2023 Discontinued and replaced by current product.

❖ Wockhardt - Levothyroxine Oral solution †

Marketing Authorisation Holder **Wockhardt** Manufacturer **Pinewood** in Ireland.

Wockhardt have confirmed this product is no longer being manufactured by Pinewood.

Discontinued as of 20-10-2023

Dosage 25 microgram per 5ml



Propylene glycol: 100 mg per 5 ml dose.

PL/MAH

PL 29831/0493

PIP

121-1614

GTIN

5012727912431 & 5012727912431

SNOMED

32869111000001106 & 32812811000001105

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+29831%2F0493%22&page=1&doc=Sp&rerouteType=0>

dm+d

Wockhardt 100 ml <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/152757> Discontinued

Wockhardt 150 ml <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/152500> Discontinued

Dosage 50 microgram per 5ml



Propylene glycol: 100 mg per 5 ml dose.

PL/MAH

PL 29831/0494

PIP

121-1622

GTIN

5012727912448 & 5012727912448

SNOMED

32869211000001100 & 32814311000001108

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+29831%2F0494%22&page=1&doc=Sp&rerouteType=0>



dm+d

Wockhardt 100 ml <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/152758> Discontinued

Wockhardt 150 ml <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/152507> Discontinued

Dosage 100 microgram per 5ml



Propylene glycol: 100 mg per 5 ml dose.

PL/MAH

PL 29831/0495

PIP

123-0051

GTIN

5012727912844

SNOMED

37932211000001108

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+29831%2F0495%22&page=1&doc=Spc&rerouteType=0>

dm+d

Wockhardt 100 ml <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/176833> Discontinued

All dosages

MHRA PIL

<https://products.mhra.gov.uk/search/?search=%22PL+29831%2F0493%22&page=1&doc=Pil&rerouteType=0>

MHRA PAR

<https://products.mhra.gov.uk/search/?search=%22PL+29831%2F0493%22&page=1&doc=Par&rerouteType=0>

Brand history

07-01-2021	Approved
03-12-2019	Available
2023	Discontinued

❖ Zentiva - Levothyroxine Oral Solution

Marketing Authorisation Holder [Zentiva](#) Manufacturer [Quantum](#).

Product was originally branded Creo but was re-branded Zentiva when they took over Creo.

Excipients

Glycerol
Citric acid anhydrous
Sodium methyl parahydroxybenzoate (E219)
Citric acid 10%
Purified water

Dosage 25 microgram per 5ml



Glycerol (E422): 3,780 mg per 5 ml dose.

PL/MAH

PL 17780/0994

PIP

Not known

GTIN

8594739236974 (100 ml from 22-06-2021)

SNOMED

37770211000001102

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+17780%2F0994%22&page=1&doc=Spc&rerouteType=0>

dm+d

Zentiva <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/176049>
Indicative Price: 9499; Start Date: 11-10-2019

Dosage 50 microgram per 5ml



Glycerol (E422): 3,780 mg per 5 ml dose.

PL/MAH

PL 17780/0995

PIP

Not known

GTIN

8594739236936 (100 ml from 22-06-2021)

SNOMED

37770611000001100

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+17780%2F0995%22&page=1&doc=Spc&rerouteType=0>

dm+d Zentiva <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/176051>
Indicative Price: 8904; Start Date: 11-10-2019

Dosage 100 microgram per 5ml



Glycerol (E422): 3,780 mg per 5 ml dose.

PL/MAH PL 17780/0996

PIP Not known

GTIN 8594739236943 (100 ml from 22-06-2021)

SNOMED 37770411000001103

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+17780%2F0996%22&page=1&doc=Spc&rerouteType=0>

dm+d Zentiva <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/176050>
Indicative Price: 16499; Start Date: 11-10-2019

Dosage 125 microgram per 5ml



Glycerol (E422): 3,780 mg per 5 ml dose.

PL/MAH PL 17780/0997

PIP 127-7800

GTIN 8594739236950

SNOMED 36444011000001107

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+17780%2F0997%22&page=1&doc=Spc&rerouteType=0>

dm+d Zentiva <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/169399>
Indicative Price: 18500; Start Date: 17-02-2020

All dosages

MHRA PIL <https://products.mhra.gov.uk/search/?search=%22PL+17780%2F0995%22&page=1&doc=Pil&rerouteType=0>

Brand history

24-10-2016	Approved
11-10-2019	100/5 Available.
22-11-2018	125/5 Available
17-02-2020	125/5 GTIN updated 8594739236950

Levothyroxine Injection H03AA01

All excipients can be found by visiting the Patient Information Leaflet for each product and going to section 6.

Contents of the pack and other information

What Levothyroxine tablets contain:

- The active ingredient is [active ingredient].
- The other ingredients are [excipients].

Details of Levothyroxine injectable products

Matrix of UK Levothyroxine Injection - Current

Product	Excipients
<u>Serb - Levothyroxine Solution</u>	Sodium hydroxide Water for injections.

❖ Serb - Levothyroxine Solution for injection/infusion

Marketing Authorisation Holder and Manufacturer [Serb](#).

Dosage 200 micrograms/ml (6 pack)

PL/MAH PL 26080/0010

PIP Not known

GTIN 05060311320346

SNOMED 42243111000001105

MHRA PIL <https://products.mhra.gov.uk/search/?search=%22PL+26080%2F0010%22&page=1&doc=Pil&rerouteType=0>

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+26080%2F0010%22&page=1&doc=SpC&rerouteType=0>

MHRA PAR <https://products.mhra.gov.uk/search/?search=%22PL+26080%2F0010%22&page=1&doc=Par&rerouteType=0>

dm+d Serb <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/195501>

Indicative Price: 57500; Start Date: 26-02-2024

Brand history

19-12-2022 PAR approved.

01-10-2023 Available

Liothyronine (all forms) H03AA02

Liothyronine is available in both tablet and capsule form. (Also as injectable/infusible but that will be for hospital use only.)

All excipients can also be found by visiting the Patient Information Leaflet or Summary of Product Characteristics for each product and going to section 6.

Contents of the pack and other information

What Levothyroxine tablets contain:

- *The active ingredient is [active ingredient].*
- *The other ingredients are [excipients].*

The matrixes include all excipients and they are listed exactly as they appear in either the SmPC or the PIL.

BNF

Liothyronine

<https://bnf.nice.org.uk/drugs/liothyronine-sodium/>

Oral Tablets

<https://bnf.nice.org.uk/drugs/liothyronine-sodium/medicinal-forms/#oral-tablet>

Oral Solutions

<https://bnf.nice.org.uk/drugs/levothyroxine-sodium/medicinal-forms/#oral-solution>

Powder for solution for injection

<https://bnf.nice.org.uk/drugs/liothyronine-sodium/medicinal-forms/#powder-for-solution-for-injection>

NHS Tariff

Select the NHS Drug Tariff for the current month.

Use  **Search** option. Enter **liothyronine**.

Click on **Part VIII A products L** and scroll to the required information.

<https://www.nhsbsa.nhs.uk/pharmacies-gp-practices-and-appliance-contractors/drug-tariff>

Prices in the dm+d database - as included in this document - are specific to each product and will usually be updated within days, NHS Drug Tariff prices are often across multiple products and can take a month or longer to be updated.

Matrix of UK Liothyronine All Forms - Current

Non-current liothyronine product matrix on [NEXT](#) ↓ page.

5 mcg	10 mcg	20 mcg			Excipients
Advanz Pharma					<i>Lactose BP</i> <i>Maize starch BP</i> <i>Acacia powder BP</i> <i>Sodium chloride BP</i> <i>Magnesium stearate BP</i> <i>Industrial methylated spirit BP</i> <i>Purified water BP</i>
		✓			
Advanz Pharma Powder for solution for injection					<i>Dextran 110 freeze dried, sodium hydroxide and water for injection</i>
Morningside including Iraksin †					<i>Lactose monohydrate,</i> <i>Partially pregelatinized maize starch,</i> <i>Spray dried acacia,</i> <i>Sodium chloride,</i> <i>Magnesium stearate.</i>
✓	✓	✓			
Roma					<i>Maize Starch</i> <i>Magnesium Stearate (E 572)</i> <i>Shell Formulation</i> <i>Gelatin</i> <i>Titanium Dioxide (E 171) [10 & 20]</i> <i>Yellow Iron Oxide (E 172) [20]</i>
✓	✓	✓			
Sigmapharm and Viatrix					<i>Calcium sulfate dihydrate</i> <i>Corn starch</i> <i>Gelatin</i> <i>Magnesium stearate</i> <i>Mannitol (E421)</i>
✓		✓			
Strides					<i>maize starch, mannitol (E421),</i> <i>microcrystalline cellulose, sodium citrate,</i> <i>acacia and magnesium stearate</i>
✓		✓			
Teva					<i>Microcrystalline cellulose</i> <i>Maize starch</i> <i>Pregelatinised starch</i> <i>Silica, colloidal anhydrous</i> <i>Magnesium stearate</i>
		✓			
Last updated: Wednesday, 9 April 2025 13:53					

Non-current liothyronine product matrix on [NEXT ↓](#) page.

Matrix of UK Liothyronine All Forms - Non-current

Current liothyronine product matrix on [PREVIOUS ↑](#) page.

5 mcg	10 mcg	20 mcg			Excipients
Accord †					<i>Pregelatinised maize starch, Cellulose microcrystalline, Light magnesium oxide, Sodium starch glycolate, Sodium stearyl fumarate</i>
		✔			
Alturix † including Enolio †					<i>Glycerol Citric acid monohydrate Sodium citrate Sodium methyl parahydroxybenzoate (E 219) Sodium hydroxide Purified water</i>
Last updated: Wednesday, 9 April 2025 13:53					

Current liothyronine product matrix on [PREVIOUS ↑](#) page.

Details of Liothyronine (All Forms) products

❖ Accord - Liothyronine tablets †

Marketing Authorisation Holder and Manufacturer **Accord**.

Product is not available.

Excipients

*Pregelatinised maize starch,
Cellulose microcrystalline,
Light magnesium oxide,
Sodium starch glycolate,
Sodium stearyl fumarate*

Dosage **20 microgram**

Side 1	Side 2					
KL		mm	mm	mg	Round	White



Lactose 39.95mg

PL/MAH

PL 00142-1265

PIP

Not known

GTIN

SNOMED

35827711000001108

MHRA PIL

<https://products.mhra.gov.uk/search/?search=%22PL+00142%2F1256%22&page=1&doc=Pil&rerouteType=0>

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+00142%2F1256%22&page=1&doc=SpC&rerouteType=0>

MHRA PAR

<https://products.mhra.gov.uk/search/?search=%22PL+00142%2F1256%22&page=1&doc=Par&rerouteType=0>

dm+d

Accord <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/166916>
No price available

Brand history

19-01-2022

PAR approved.

❖ Advanz Pharma (Mercury Pharma) - Liothyronine tablets

❖ Advanz Pharma (Mercury Pharma) - Tertroxin tablets †

Marketing Authorisation Holder [Advanz](#) Manufacturer [Custom Pharmaceuticals](#).

Excipients

Lactose BP
Maize starch BP
Acacia powder BP
Sodium chloride BP
Magnesium stearate BP
Industrial methylated spirit BP
Purified water BP

Dosage 20 microgram

Side 1	Side 2	↔	↕	⚠		
GS 058	⊘	mm	mm	mg	Round	White



Lactose: amount unknown

PL/MAH

PL 10972-0033

PIP

113-6530

GTIN

5021691108528 (from 28-01-2010)

SNOMED

12558211000001101

MHRA PIL

<https://products.mhra.gov.uk/search/?search=%22PL+10972%2F0033%22&page=1&doc=Pil&rerouteType=0>

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+10972%2F0033%22&page=1&doc=Spc&rerouteType=0>

dm+d

Advanz Pharma / Mercury Pharma <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/54870>

Indicative Price: 9500; Start Date: 20-04-2023

Brand history

1956 to 2010

Branded Tertroxin (under various company names including Glaxo)

↑ **LT4 tabs**



LT3

A B C D E F G

07-05-2008

De-branded product. Formerly branded Tertroxin but no longer marketed under that brand in the UK. Brand still in use abroad.

❖ Advanz Pharma (Mercury Pharma) - Liothyronine Powder for solution for injection

Marketing Authorisation Holder and Manufacturer **Advanz**.

This product is under the Mercury name which is a subsidiary of Advanz. Supplied in packs of 5 vials.

Excipients

Dextran 110 freeze dried, sodium hydroxide and water for injection

Dosage **20 micrograms**

PL/MAH PL 12762/0176

PIP Not known

GTIN 5099602001596

SNOMED 20020511000001105

MHRA PIL <https://products.mhra.gov.uk/search/?search=%22PL+12762%2F0176%22&page=1&doc=Pil&rerouteType=0>

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+12762%2F0176%22&page=1&doc=Spc&rerouteType=0>

MHRA PAR <https://products.mhra.gov.uk/search/?search=%22PL+12762%2F0176%22&page=1&doc=Par&rerouteType=0>

dm+d Advanz Pharma / Mercury Pharma <https://dmd-browser.nhsbsa.nhs.uk/amp/view/89426>

Indicative Price: 156750; Start Date: 01-01-2019

Brand history

08-10-2007 PAR approved.

❖ Alturix - Liothyronine oral solution †

❖ Alturix - Enolio Oral Solution †

Marketing Authorisation Holder Alturix Manufacturer Labomed

This product is not available. Pricing has not been agreed with the NHS.

Excipients

Glycerol
Citric acid monohydrate
Sodium citrate
Sodium methyl parahydroxybenzoate (E 219)
Sodium hydroxide
Purified water

Dosage 10 microgram per ml



Glycerol
Sodium methyl parahydroxybenzoate (E 219): 2 mg per 1 ml dose

PL/MAH PL 44490/0009

50 ml amber glass bottle

PIP Not known

GTIN Not known

SNOMED Not known

100 ml amber glass bottle

PIP

GTIN

SNOMED

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+44490%2F0009%22&page=1&doc=SpC&rerouteType=0>

dm+d No dm+d entry

All dosages

MHRA PIL

<https://products.mhra.gov.uk/search/?search=%22PL+44490%2F0009%22&page=1&doc=Pil&rerouteType=0>

MHRA PAR

<https://products.mhra.gov.uk/search/?search=%22PL+44490%2F0009%22&page=1&doc=Par&rerouteType=0>

Brand history

17-09-2024

PAR approved.

❖ Colonis - Liothyronine hard capsules †

Colonis obtained original authorisation then passed on rights to [Roma](#).

See [Roma liothyronine hard capsules](#).

❖ Morningside - Liothyronine tablets

❖ Morningside - Iraksin tablets †

Marketing Authorisation Holder and Manufacturer [Morningside](#).

No longer available under Iraksin branding.

Excipients

*Lactose monohydrate,
Partially pregelatinized maize starch,
Spray dried acacia,
Sodium chloride,
Magnesium stearate.*

Dosage **5 microgram**

Side 1	Side 2					
L1	○	5.5mm	mm	mg	Round	White



Lactose 37.605mg

PL/MAH

PL 20117-0323

PIP

123-4939

GTIN

5055132717246 (from 23-10-2019)

SNOMED

37837911000001107

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+20117%2F0323%22&page=1&doc=Spc&rerouteType=0>

dm+d

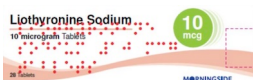
Morningside <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/176392>
Indicative Price: 10094; Start Date: 06-04-2022

Dosage 10 microgram

Side 1	Side 2					
L2	○	5.5mm	mm	mg	Round	White



Lactose 37.60mg



PL/MAH PL 20117-0324

PIP 123-4921

GTIN 5055132717253 (from 23-10-2019)

SNOMED 37838211000001104

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+20117%2F0324%22&page=1&doc=SpC&rerouteType=0>

dm+d Morningside <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/176393>

Indicative Price: 15244; Start Date: 06-04-2022

Dosage 20 microgram

Side 1	Side 2					
T3	○	5.5mm	mm	mg	Round	White



Lactose 37.59mg



PL/MAH PL 20117-0270

PIP 121-8254

GTIN 5055132716041 (from 25-03-2019)

SNOMED 34842711000001104

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+20117%2F0270%22&page=1&doc=Spc&rerouteType=0>

dm+d

Morningside <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/162238>
Indicative Price: 9500; Start Date: 01-07-2024

All dosages

MHRA PIL

<https://products.mhra.gov.uk/search/?search=%22PL+20117%2F0323%22&page=1&doc=Pil&rerouteType=0>

MHRA PAR

<https://products.mhra.gov.uk/search/?search=%22PL+20117%2F0270%22&page=1&doc=Par&rerouteType=0>

Brand history

15-06-2017	PAR approved for 20 microgram tablets.
19-06-2018	No longer supplied under Iraksin branding.
22-08-2019	PAR approved for 5 and 10 microgram tablets.

❖ Roma - Liothyronine hard capsules

Marketing Authorisation Holder **Roma** Manufacturer **Galenica**.

Excipients

Maize Starch
Magnesium Stearate (E 572)
Shell Formulation
Gelatin
Titanium Dioxide (E 171) [10 & 20]
Yellow Iron Oxide (E 172) [20]

Dosage 5 microgram

Size	Colour				
4	Natural transparent				

PL/MAH PL 49578-0018

PIP 125-2089

GTIN 5060739220174 (from 21-01-2022)

SNOMED 40473411000001105

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+49578%2F0018%22&page=1&doc=Spc&rerouteType=0>

dm+d Roma <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/188558>
Indicative Price: 5500; Start Date: 21-01-2022

Dosage 10 microgram

Size	Colour				
4	Opaque white				

PL/MAH PL 49578-0019

PIP 125-2097

GTIN 5060739220150 (from 21-01-2022)

SNOMED 40473111000001100

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+49578%2F0019%22&page=1&doc=Spc&rerouteType=0>

dm+d Roma <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/188557>
Indicative Price: 6500; Start Date: 21-01-2022

Dosage 20 microgram

Size	Colour				
4	Ivory				

PL/MAH PL 49578-0020

PIP 125-2105

GTIN 5060739220167 (from21-01-2022)

SNOMED 40473711000001104

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+49578%2F0020%22&page=1&doc=Spc&rerouteType=0>

dm+d Roma <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/188559>
Indicative Price: 5500; Start Date: 21-01-2022

All dosages

MHRA PIL <https://products.mhra.gov.uk/search/?search=%22PL+49578%2F0018%22&page=1&doc=Pil&rerouteType=0>

MHRA PAR <https://products.mhra.gov.uk/search/?search=%22PL+49578%2F0018%22&page=1&doc=Par&rerouteType=0>

Brand history

- 2021 Originally approved as Colonis.
- 15-07-2021 PAR approved.

❖ Sanofi - Thyrotardin-inject Liothyronin

Marketing Authorisation Holder [Sanofi](#) Manufacturer [Sanofi](#).

Special import only. Hospital only.

Dosage 103.4 microgram

Size						
1 vial						

PL/MAH PL

PIP Not known

GTIN

SNOMED 37157411000001106

Sanofi PIL German <https://mein.sanofi.de/produkte/thyrotardin-inject/downloads?id=/resources/PIL/0900972f802a4108/data>

Sanofi SmPC German <https://mein.sanofi.de/produkte/thyrotardin-inject/downloads?id=/resources/SPC/0900972f80212f8a/data&pdfName=0900972f80212f8a>

dm+d Sanofi <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/172912>
No price available

Brand history

08/05/2019 Listed on dm+d

❖ SigmaPharm - Liothyronine tablets †

Marketing Authorisation Holder Sigmapharm. Manufacturer Wasdell.

See also Viatris – Liothyronine tablets.

Sigmapharm liothyronine imported from the USA has different tablet markings and dosages (5, 25 and 50) but the same listed ingredients.

This product is distributed in the UK in two dosages (5 and 20 micrograms) in Viatris presentation but same Product Licence/Manufacturing Authorisation Numbers.

See Viatris Liothyronine.

Excipients

Calcium sulfate dihydrate
Corn starch
Gelatin
Magnesium stearate
Mannitol (E421)

5 micrograms



20 micrograms



All dosages

MHRA PAR

<https://products.mhra.gov.uk/search/?search=%22PL+50888%2F0002%22&page=1&doc=Par&rerouteType=0>

↑ **LT4 tabs**



LT3

A

B

C

D

E

F

G

Brand history

17-12-2021	PAR approved.
2023	UK licensed Sigmapharm products launched which replace USA products that had been available to special order.
2023	Distribution of product under Viatrix livery.

❖ Strides - Liothyronine tablets

Marketing Authorisation Holder and Manufacturer [Strides](#).

Excipients

*maize starch, mannitol (E421),
microcrystalline cellulose, sodium citrate,
acacia and magnesium stearate*

Dosage **5 microgram**

Side 1	Side 2					
5	○	mm	mm	mg	Round	White



Mannitol

PL/MAH

PL 13606/0275

PIP

Not known

GTIN

5031676001805

SNOMED

42475211000001100


MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+13606%2F0275%22&page=1&doc=Spc&rerouteType=0>

dm+d

Strides <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/196321>
Indicative Price: 12338; Start Date: 15-03-2024

Dosage **20 microgram**

Side 1	Side 2					
20	○	mm	mm	mg	Round	White



Mannitol

PL/MAH

PL 13606/0276

PIP

Not known

↑ LT4 tabs   **LT3**

A B C D E F G

GTIN 5031676001812

SNOMED 42474911000001105

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+13606%2F0276%22&page=1&doc=Spc&rerouteType=0>

dm+d Strides <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/196319>
Indicative Price: 4010; Start Date: 15-03-2024

All dosages

MHRA PIL <https://products.mhra.gov.uk/search/?search=%22PL+13606%2F0275%22&page=1&doc=Pil&rerouteType=0>

MHRA PAR <https://products.mhra.gov.uk/search/?search=%22PL+13606%2F0275%22&page=1&doc=Par&rerouteType=0>

Brand history

- 25-05-2023 PAR approved.
- 29-11-2023 Became available.

❖ Teva - Liothyronine tablets

Marketing Authorisation Holder **Teva** Manufacturer **Teva Hungary**.

Excipients

Microcrystalline cellulose
Maize starch
Pregelatinised starch
Silica, colloidal anhydrous
Magnesium stearate

Dosage **20 microgram**

Side 1	Side 2					
L20	○	mm	mm	mg	Round	White



PL/MAH PL 00289/2116

PIP 121-8668

GTIN 5017007027669

SNOMED 34880311000001107

MHRA PIL <https://products.mhra.gov.uk/search/?search=%22PL+00289%2F2116%22&page=1&doc=Pil&rerouteType=0>

Teva PIL Links change every time the PIL is updated so this is a link to the page with the current link:
<https://products.tevauk.com/hcp/liothyronine-709>

MHRA SmPC <https://products.mhra.gov.uk/search/?search=%22PL+00289%2F2116%22&page=1&doc=SpC&rerouteType=0>

Teva SmPC Links change every time the SmPC is updated so this is a link to the page with the current link:
<https://products.tevauk.com/hcp/liothyronine-709>

MHRA PAR

<https://products.mhra.gov.uk/search/?search=%22PL+00289%2F2116%22&page=1&doc=Par&rerouteType=0>

dm+d

Teva <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/162415>
Indicative Price: 6785; Start Date: 05-01-2024

Brand history

14-08-2017	PAR approved.
23-10-2017	Launched

❖ Viatris - Liothyronine tablets

Marketing Authorisation Holder [Viatris](#)

Manufacturer [Sigmapharm](#).

See [Sigmapharm – Liothyronine tablets](#).

Excipients

Calcium sulfate dihydrate
Corn starch
Gelatin
Magnesium stearate
Mannitol (E421)

Dosage 5 microgram

Side 1	Side 2					
Σ 76	○	6.35mm	mm	mg	Round	White



Mannitol

PL/MAH

PL 50888-0001

PIP

Not known

GTIN

5016695925851

SNOMED

41097911000001101



MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+50888%2F0001%22&page=1&doc=Spc&rerouteType=0>

dmd+d

Viatris <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/191512>
Indicative Price: 8330; Start Date: 15-11-2022

Dosage 20 microgram

Side 1	Side 2					
Σ 73	○	6.5mm	mm	mg	Round	White



Mannitol

PL/MAH

PL 50888-0002

PIP

Not known

GTIN

5016695925868

SNOMED

41096811000001109

MHRA SmPC

<https://products.mhra.gov.uk/search/?search=%22PL+13606%2F0276%22&page=1&doc=Spc&rerouteType=0>

dm+d

Viatrix <https://dmd-browser.nhsbsa.nhs.uk/ampp/view/191505>
Indicative Price: 14714; Start Date: 15-11-2022

All dosages

MHRA PIL

<https://products.mhra.gov.uk/search/?search=%22PL+50888%2F0001%22&page=1&doc=Pil&rerouteType=0>

MHRA PAR

<https://products.mhra.gov.uk/search/?search=%22PL+50888%2F0001%22&page=1&doc=Par&rerouteType=0>

Brand history

25-05-2023

PAR approved.

15-11-2022

UK Sigmapharm product under Viatrix livery.



Propylthiouracil H03BA02

There are several makes of the standard anti-thyroid medicines. However, only a brief summary of active ingredients and dosages will be included.

Links to *Patient Information Leaflets*, *Summaries of Product Characteristics* and to *dm+d* entries are to **all** UK-licensed products - not individual products.

BNF

Propylthiouracil

<https://bnf.nice.org.uk/drugs/propylthiouracil/>

Oral Tablets

<https://bnf.nice.org.uk/drugs/propylthiouracil/medicinal-forms/>

NHS Tariff

Select the NHS Drug Tariff for the current month.

Use  **Search** option. Enter **propylthiouracil**.

Click on **Part VIIIA products L** and scroll to the required information.

<https://www.nhsbsa.nhs.uk/pharmacies-gp-practices-and-appliance-contractors/drug-tariff>

❖ Propylthiouracil

The PIL for some makes of Propylthiouracil tablet state that tablets must be swallowed whole and not split. However, this varies so you need to check every time the make changes.

Dosage	25 milligram
Dosage	50 milligram
Dosage	100 milligram

All products: All dosages

The MHRA PIL and MHRA SmPC links will find PILs/SmPCs (respectively) for all licensed Propylthiouracil products.

MHRA PIL All makes <https://products.mhra.gov.uk/search/?search=propylthiouracil&page=1&doc=Pil&rerouteType=0>

MHRA SmPC All makes <https://products.mhra.gov.uk/search/?search=propylthiouracil&page=1&doc=Spc&rerouteType=0>

dm+d All makes <https://dmd-browser.nhsbsa.nhs.uk/ingredient/view/1494>

Brands/manufacturers might include those listed but will vary over time:

Morningside Healthcare Ltd

RPH Pharmaceuticals AB

Carbimazole H03BB01

There are several makes of the standard anti-thyroid medicines. However, only a brief summary of active ingredients and dosages will be included.

Links to *Patient Information Leaflets*, *Summaries of Product Characteristics* and to *dm+d* entries are to **all** UK-licensed products - not individual products.

BNF

Carbimazole

<https://bnf.nice.org.uk/drugs/carbimazole/>

Oral Tablets

<https://bnf.nice.org.uk/drugs/carbimazole/medicinal-forms/>

NHS Tariff

Select the NHS Drug Tariff for the current month.

Use  **Search** option. Enter **carbimazole**.

Click on **Part VIIIA products L** and scroll to the required information.

<https://www.nhsbsa.nhs.uk/pharmacies-gp-practices-and-appliance-contractors/drug-tariff>

❖ Carbimazole

This is very similar to Methimazole (also known as Thiamazole and branded as Tapazole) which is more widely used around the world. Carbimazole converts into Methimazole but might have some additional effects so is not entirely equivalent.

Some makes of Carbimazole tablet state that tablets must be swallowed whole and not split. This varies so you need to check every time the make changes. It may be advisable to ask to be prescribed 5 milligram tablets rather than 20 milligram.

Note: 10 and 15 milligram dosages are massively and disproportionately more expensive than 5 and 20 milligram products. Only 5 and 20 milligram products should be prescribed.

Dosage	5 milligram
Dosage	10 milligram
Dosage	15 milligram
Dosage	20 milligram

All products: All dosages

The MHRA PIL and MHRA SmPC links will find PILs/SmPCs (respectively) for all licensed Carbimazole products.

MHRA PIL

All makes <https://products.mhra.gov.uk/search/?search=carbimazole&page=2&doc=Pil>

MHRA SmPC

All makes <https://products.mhra.gov.uk/search/?search=carbimazole&page=1&doc=Spc&rerouteType=0>

dm+d

All makes <https://dmd-browser.nhsbsa.nhs.uk/ingredient/view/1353>

Brands/manufacturers might include those listed but will vary over time:

Flamingo Pharma (UK) Ltd
Morningside Healthcare Ltd
ADVANZ Pharma
Mylan

Strides Pharma UK Ltd
Tillomed Laboratories Ltd
Glenmark Pharmaceuticals Europe Ltd
Aurobindo Pharma - Milpharm Ltd.

Appendixes

[A: ATC Codes](#)

[B: Brand and Generic Names](#)

[C: Companies - Manufacturers, Importers and Distributors](#)

[D: Key to Symbols](#)

[E: Excipients](#)

[F: Writing Prescriptions](#)

[G: Update Notes](#)

A. ATC Codes

The Anatomical Therapeutic Chemical Classification System (ATC) assigns specific codes to groups of medicines which act similarly – on the same organs. This is used widely around the world and can help to search even when the website language is unfamiliar.

Those relevant to thyroid hormone medicines are listed below.

Code/prefix		Product groups
H03A		Thyroid preparations
H03A	A	Thyroid hormones
H03A	A 01	Levothyroxine
H03A	A 02	Liothyronine
H03A	A 03	Combinations of levothyroxine and liothyronine
H03A	A 04	Tiratricol
H03A	A 05	Thyroid gland preparations
H03A	A 51	Levothyroxine and iodine compound combinations
H03B		ANTITHYROID PREPARATIONS
H03B	A	Thioruracils
H03B	A 01	Methylthiouracil
H03B	A 02	Propylthiouracil
H03B	A 03	Benzylthiouracil
H03B	B	Sulfur-containing imidazole derivatives
H03B	B 01	Carbimazole
H03B	B 02	Thiamazole
H03B	B 03	Thiamazole, combinations

Code/prefix		Product groups	
H03B	C		Perchlorates
H03B	C	01	Potassium perchlorate
H03B	X		Other antithyroid preparations
H03B	X	01	Diiodotyrosine
H03B	X	02	Dibromotyrosine

B. Brand and Generic Names

This document refers to numerous companies. The names used will not always be the full legal names of those companies. Even companies which appear to have the same name can be entirely separate companies, especially in different countries.

Generic

Many medicines are supplied without a formal product branding – for example, just “levothyroxine sodium”. However, even these products will be packaged under a company name.

There is a view that generic medicines are in some way inferior to brands. This has a basis in the origins of the brand vs. generic system. But has little relevance to the thyroid hormone market.

First, so far as I have been able to tell, neither levothyroxine nor liothyronine was patented in the UK (nor the USA). Had they been patented; it would have run out over forty years ago.

Second, the only products which could possibly be regarded as being out of patent, for example, Glaxo launched both Eltroxin and Tertroxin back in the 1950s. But both products have had formulation and manufacturer changes over the years. Advanz Pharma / Mercury Pharma Eltroxin is sometimes available but is identical to Advanz Pharma / Mercury Pharma Levothyroxine. And Advanz Pharma / Mercury Pharma Liothyronine is no longer marketed in the UK under Tertroxin branding. (But is still supplied to Australia under that name.)

This is a different situation to products like Prozac now being also supplied as generic Fluoxetine.

Brand

Some medicines will be specifically branded. For example, Eltroxin is a brand name used for some Mercury Pharma levothyroxine products supplied by Advanz Pharma in the UK, but also for different products by Aspen in much of the rest of the world, and by GlaxoSmithKline in India.

‘Own label supplier’ or repackager

Some companies acquire their products from other companies but packaged under their own name. The legal responsibilities for these products remain with the companies which own the marketing and manufacturing licences.

An 'own label supplier' might change the actual product supplied with no notice. Further, different dosages of what might appear the same product could be (and sometimes are) supplied by different companies and have different formulations to each other. This will be stated on the packaging, but it might not be obvious.

The name of the Marketing Authorisation Holder and the licence number will always be printed on the outside of the packaging on all UK medicines. That means it is possible to check without opening any pack. Some pharmacists/pharmacy assistants seem not to realise this.

C. Companies - Manufacturers, Importers and Distributors

The NHS dm+d database (<https://services.nhsbsa.nhs.uk/dmd-browser/>) lists “suppliers” for each medicine. Those listed against levothyroxine and/or liothyronine products are shown below as well as the company listed as Manufacturer on the product documentation.

A supplier appears to be defined as any company from which products can be ordered and could include Manufacturers, Importers and Distributors. Even then, the name could be strictly the order-processing and distribution arm of, say, a manufacturing company. And small, specialist importers, such as implied by “Special Order”, are not included.

There is much confusion because these companies sometimes have the same as company names on packs of medicines, but sometimes we don't see these names. In general, we only rarely see distributor names unless we notice a delivery van outside a pharmacy. For example, Teva in the UK do not manufacture any thyroid hormone medicines. They are manufactured by parts of Teva in various EU countries, then imported by Teva in the UK. And distributed by the same or another Teva company as well as supplied to other distributors.

Suppliers can be very reluctant to respond to patients. Many seem to regard their customers as the pharmacies which order from them, or distributors, rather than the patients who take the medicines. Some are very much more open and helpful than others.

Company details are being migrated to this document:

helvella's Links and References document contains many links to other organisations

A single document containing numerous links to relevant websites. With a focus on the UK it nonetheless includes many non-UK sites.

Rather than a simple list of links, there is a page (or more) per site. This is intended to provide some flavour of the site before you decide whether to visit.

<https://helvella.blogspot.com/p/helvella-links-and-references.html>

A A H Pharmaceuticals Ltd

A A H Pharmaceuticals Ltd, Sapphire Court, Walsgrave Triangle,
Coventry, CV2 2TX

<https://www.aah.co.uk/>

AAH Hillcross

AAH Hillcross is part of [AAH](#). The “AAH” is to distinguish from an older company, no longer in existence, called “Hillcross Pharma”.

Accord-UK

Accord-UK Ltd. Subsidiary of Intas

<https://www.accord-healthcare.com/uk/>

Alliance

Alliance Healthcare (Distribution) Ltd

<https://www.alliance-healthcare.co.uk/>

Almus

Almus Pharmaceuticals Ltd

<https://www.almus.co.uk/about-almus>

Alturix Limited

Alturix Limited, 287 Upper Fourth St, Milton Keynes, MK9 1EH

info@alturix.com

<https://alturix.com/>

Amdipharm

Amdipharm UK Limited, Capital House, 85 King William Street,
London EC4N 7BL, UK

Aristo Pharma

Aristo Pharma GmbH, Wallenroder Straße 8-10, 13435 Berlin,
Germany

<https://aristo-pharma.co.uk/>

BCM

BCM Limited (a subsidiary of Fareva), 1 Thane Road West, Nottingham
NG2 3AA, United Kingdom

No website accessible

Boots

Boots UK Limited, Nottingham, NG2 3AA.

<https://www.boots-uk.com/>

<https://www.boots-uk.com/about-boots-uk/company-information/contact-us/>

Brillpharma

Brillpharma Limited, 6 Sovereign Park, Luton, LU4 8EL, United Kingdom

info@brillpharma.co.uk

<https://brillpharma.co.uk/>

Creo

Creo Pharma Limited (part of Zentiva Pharma UK Ltd), Felsted Business Centre, Felsted, Essex, CM6 3LY

gfd-customerservices@zentiva.com

CP Pharmaceuticals

CP Pharmaceuticals Ltd (trading as Wockhardt UK Limited)

Wockhardt UK Limited, Ash Road North, Wrexham Industrial Estate, Wrexham LL13 9UF, U.K.

enquiries@wockhardt.co.uk

Crescent

Crescent Pharma Ltd., Key House, Sarum Hill, Basingstoke, RG21 8SR, UK

www.crescentpharma.com

Custom Pharmaceuticals

Custom Pharmaceuticals Ltd. In UK, Tecore House, Conway Street, Hove, East Sussex, BN3 3LW United Kingdom

info@custompharma.co.uk

<https://www.custompharma.co.uk/>

Delpharm

Delpharm Bladel B.V, Industrieweg 1, BLADEL, 5531 AD, Netherlands

<https://www.delpharm.com/en/>

DLRC

DLRC Ltd, The Nexus Building, Broadway, Letchworth, Garden City
SG6 3TA, UK

<https://www.dlrc.co.uk/>

Fareva

Fareva SA, 28 place de la Gare, 1616 Luxembourg LUXEMBOURG

<https://www.fareva.com/en>

Galenica

Galenica Pharmaceutical Industry S.A, 3rd km Old National Road
Chalkida-Athens, Glifa, Chalkida Eubia 34100 Greece

<https://www.galenica.com/en/>

Glenmark

Glenmark Pharmaceuticals Europe Limited, Laxmi House, 2B Draycott
Avenue, Kenton, Middlesex, HA3 0BU United Kingdom.

Glenmark Pharmaceuticals Europe Limited, Building 2, Croxley Green
Business Park, Croxley Green, Hertfordshire, WD18 8YA United
Kingdom

<https://glenmarkpharma.co.uk/>

Helm AG

Nordkanalstrasse 28, D-20097 Hamburg, Germany

info@helmag.com

<https://www.helmag.com/>

Intermed

Ioulia and Irene Tseti Pharmaceutical Laboratories S.A., d.t. Intermed
S.A., 27, Kalyftaki street, GR-145 64 Kifissia, Greece

<https://intermed.com.gr/en/pages/oroi-xrisis>

Kappler

Kappler Pharma Consult GmbH

<https://www.kapplerpharma.de/en/>

Kent

Kent Pharma UK Limited, 2nd Floor, Connect 38, 1 Dover Place, Ashford, Kent, United Kingdom TN23 1FB

<https://www.kentpharm.co.uk>

Labomed

Labomed Pharmaceutical Company SA

84 Ioannou Metaxa str., Koropi, Attica, 19441, Greece

LM Manufacturing

LM Manufacturing Limited, Sandretto Building, Cavalry Hill Industrial Park, Weedon, Northampton, NN7 4PP, United Kingdom

Medihealth

Medihealth (Northern) Ltd

<https://www.medihealthonline.co.uk/>

Morningside

Morningside Healthcare Ltd

<https://www.morningsidehealthcare.com/>

Northumbria

Northumbria Pharma Limited, NETPark, Thomas Wright Way, Sedgfield, County Durham, TS21 3FD, United Kingdom

<https://northumbriapharma.com/>

NorthStar

NorthStar Healthcare Unlimited Company

No accessible website

Phoenix

Phoenix Healthcare Distribution Ltd

<https://www.phoenixmedical.co.uk/en/>



Pinewood

Pinewood Healthcare (a subsidiary of Wockhardt), Ballymacarbry, Clonmel, Co Tipperary, Ireland

<https://pinewood.ie/>

Pliva

PLIVA Croatia Ltd, Prilaz brauna, Filipovića 25, 10000 Zagreb, Croatia

<https://www.pliva.hr/>

Quantum

Quantum Pharma Limited, Quantum House, Hobson Industrial Estate, Hobson, Newcastle Upon Tyne NE16 6EA United Kingdom

<https://www.quantumpharmaceutical.co.uk/>

Ranbaxy (UK)

See [Sun Pharma](#)

Ranbaxy (UK) Limited, 5th floor, Hyde Park, Hayes 3, 11 Millington Road, Hayes, UB3 4AZ, United Kingdom – a Sun Pharmaceutical Company

Roma

Roma Pharmaceuticals Limited, Gibraltar House Crown Square, First Avenue, Burton on Trent, DE14 2WE

<https://www.romapharma.co.uk/>

Recipharm

RPH Pharmaceuticals AB/Recipharm Limited, Bepak Europe Ltd., Bergen Way King's Lynn, Norfolk, PE30 2JJ United Kingdom

<http://www.recipharm.com/>

RPH

RPH Pharmaceuticals AB, Box 603, 101 32 Stockholm, Sweden

Sanofi

Sanofi-Aventis Deutschland GmbH
65926 Frankfurt am Main

<https://mein.sanofi.de/>

Serb

SERB UK, SERB Ltd, Unit 16 Trade City, Avro Way, Brooklands Business Park, Weybridge, Surrey, KT13 0YF

<https://serb.com/>

Sigmapharm

Sigmapharm Laboratories International, Ltd., Palmerston House, Fenian Street, 2nd floor, Dublin 2, Ireland

<https://www.sigmapl.com/>

SigmaPharm International USA

<https://www.sigmapharm.com/>

Strides

Strides Pharma UK Ltd., Unit 4, The Metro Centre, Dwight Road, Watford, WD18 9SS United Kingdom (part of Strides Pharma Science).

<https://stridespharma.co.uk/>

drugsafety@strides.com

Sun Pharma

Sun Pharma UK Limited, 6-9 The Square, Stockley Park, Uxbridge, UB11 1FW United Kingdom

<https://sunpharma.com/>

Syri

SyriMed T/A Thame Laboratories, Middlesex HA4 0NU

<https://www.syrimed.co.uk/>

Ten Pharma

Ten Pharma (a subsidiary of BCM Specials Ltd – formerly Boots the Chemist Manufacturing), 1 Thane Road West, Nottingham, England, NG2 3AA, United Kingdom

Teva Gyógyszergyár

TEVA Gyógyszergyár Zrt. in Hungary

Teva UK Ltd

Teva UK Limited, Ridings Point, Whistler Drive, Castleford, WF10 5HX,
United Kingdom

<https://www.tevauk.com/>

Viatrix UK

Viatrix UK, Building 4, Trident Place, Mosquito Way, Hatfield, AL10 9UL
United Kingdom

Viatrix/Mylan Pharma UK Ltd, Discovery Park House, Discovery Park,
Ramsgate Road, Sandwich, Kent, CT13 9ND

<https://www.viatrix.co.uk/en-gb/about-us/contact-us>
reception@viatrix.com

<https://www.viatrix.co.uk/>

Walgreen Boots Alliance

<https://www.walgreensbootsalliance.com/>

Wasdell

Wasdell Packaging Ltd, Unit 1-8, Euroway Industrial Estate, Blagrove,
Swindon, Wiltshire, England SN5 8YW

<https://www.wasdell.co.uk/>

Wockhardt

Wockhardt UK Ltd (a subsidiary of the Wockhardt Group), Ash Road
North, Wrexham, Wales, LL13 9UF, UK

<https://www.wockhardt.co.uk/>

Zentiva Pharma UK Ltd

Zentiva Pharma UK Ltd, First Floor, Andrews House, College Road,
Guildford, GU1 4QB, United Kingdom

ukcustomerservices@zentiva.com

<https://www.zentiva.co.uk/>

D. Key to Symbols



Product description for real products.



Product description for 'own-label' supplier products.



Multiple medicines not individually identified.



Used to identify products which either have not been marketed, or are no longer available. (This is not used for temporary supply issues.)



Excipients with known or suspected effects.



Small image(s) of the product packaging.

PL/MAH

The Product Licence number (also called Marketing Authorisation Holder).

PIP

The pharmaceutical industry has a commercial coding system used by many companies for product identification. These PIP codes have no relevance other than trying to help pharmacists locate products on their systems.

GTIN

The Global Trade Item Number used for identifying a large proportion off all products - not just medicines. Both visible and as a machine readable code on the outside of all products. GTIN codes will vary depending on packaging. For example, 14 and 28 day packs would be differently identified. As would a bulk pack contains many 28 day packs. GTIN codes are available on the dm+d site.

SNOMED

SNOMED CT is a structured clinical vocabulary for use in an electronic health record. SNOMED codes are available on the dm+d site.

Links to Patient Information Leaflets, Summaries of Product Characteristics and Product Assessment Reports on the MHRA site have been created using the that site's search facility. This ensures that the link will work even if the actual documents are updated. However, that option might not be available for other sites/links.

This also means that products can have more than one PIL - for example, one for putting into into a pack and another for attaching to a pot.

*Links to the **electronic Medicines Compendium (eMC)** website <https://www.medicines.org.uk/emc/> change whenever a document is updated and are very hard to maintain. Furthermore, not all PILs and SmPCs are registered on eMC (e.g. neither Teva nor Accord levothyroxine are included). Hence those links are no longer included.*

Links will usually remain for as long as the documents are available - even when the product has been discontinued.

MHRA PIL

Prefixed by some sort of site identification (e.g. a company or other organisation). The **Patient Information Leaflet**. Similar to the SmPC but targeted at patients.

Some links to PIL documents are to a page where the current link may be found.

MHRA SmPC

Prefixed by some sort of site identification (e.g. a company or other organisation). The **Summary of Product Characteristics** document. Similar to the PIL but targeted at medical professionals.

Some links to SmPC documents are to a page where the current link may be found.

MHRA PAR

The **Product Assessment Report**. These are produced when product authorisation is first applied for. PARs for older medicines will not be available. Some products have been authorised through other routes - e.g. the European Medicines Agency or individual EU country approvals. Hence PARs are not available for all products.

dm+d

Link the NHS **dm+d** database for the actual product (AMP).
This entry contains:

- Pack sizes
- Price Information
- Status
- Licensing Authority
- GTIN code
- SNOMED code
- Significant dates

Also contains price information from dm+d when available.

BNF

Link to section of **British National Formulary** - for the active ingredient and for medical forms (tablet, solution, etc.)

Information in the BNF lags behind the dm+d and NHS Drug Tariff.

NHS Tariff

Link to front page of the **NHS Drug Tariff** (England) which lists official prices.

Information in the NHS Drug Tariff lags behind the dm+d.



The width/diameter of the product in millimetres.



The thickness of the product in millimetres.



The weight of the product in milligrams.

E. Excipients

The document has product matrixes which identify their excipients. Details of excipients are in my Excipients document.

helvella - Excipients

If the last updated date in a. copy your have downloaded isn't very recent, please download a new copy!

<https://www.dropbox.com/scl/fi/tud6r8f51au0g4w10xqa0/helvella-Excipients.pdf?rlkey=aeo2dyb635chtf30lcsiyyqj2&e=1&st=oofsriqf&dl=1>

F. Writing Prescriptions

As I understand, the correct way to write prescriptions for levothyroxine is shown below. Obviously the tablet dosage should be changed as required - 100microgram is used as an example. (The dose is 25microgram for Wockhardt because they do not produce any other dosages.)

The same approach can, of course, be used for any other medicine such as levothyroxine oral solution or liothyronine.

In theory it should be possible to add requirements such as “lactose-free” but this requires detailed information which might not be readily available to pharmacists in a form that is simple to check.

A generic prescription

Any licensed product may be supplied:

Levothyroxine sodium 100microgram tablets

A manufacturer-specific prescription

Only the named company’s products may be supplied. Some GP and/or pharmacy systems identify the Mercury Pharma products under Advanz Pharma who own Mercury Pharma.

There is also difficulty surrounding own-brand supplier products such as Almus and Hillcross. It is probably best to avoid getting such products specifically prescribed. (This is not a complete list but should provide enough of an example for other products.)

Levothyroxine sodium 100microgram tablets (Accord)

Levothyroxine sodium 100microgram tablets (Mercury Pharma)

Levothyroxine sodium 100microgram tablets (Teva UK Ltd)

Levothyroxine sodium 25microgram tablets (Wockhardt UK Ltd)

A brand-specific prescription

Only the specific branded product may be supplied. Because they are branded medicines, where the product brand name defines it, the words **Levothyroxine sodium** must **not** be included:

Eltroxin 100microgram tablets (Mercury Pharma)

Vencamil 100microgram tablets (Aristo Pharma Ltd.)

Rest of Prescription

The number of tablets, which will almost always be a multiple of 28, and instructions on taking them, will follow the above. For example:

28 tablets

One tablet daily.

The instructions on taking might be more detailed than this.

The document below is now longer available, and the link does not work, but this quote is left here for reference.

Community Pharmacy England (CPE) have further advice available here:

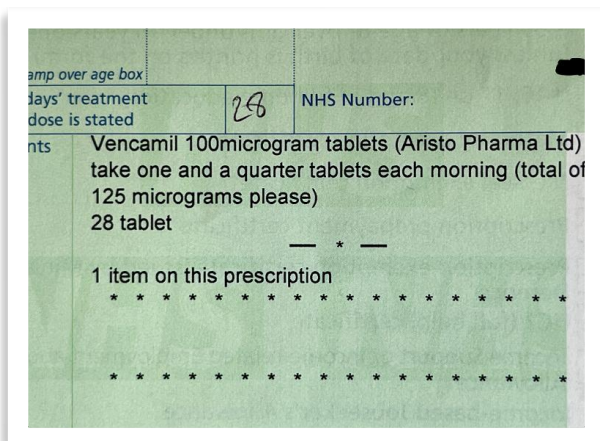
Levothyroxine: new prescribing advice if specific product required by

	
<p>DISPENSING TOKEN</p> <p>Levothyroxine sodium 100microgram tablets (Teva UK Ltd) 28 tablets One tablet daily</p>	<p>DISPENSING TOKEN</p> <p>Levothyroxine sodium 100microgram tablets 28 tablets One tablet daily – please supply Teva brand only</p>
<p><i>Required manufacturer's product specified in the drug line field of electronic prescriptions. In this example, contractors will be reimbursed according to Teva UK's NHS list price for Levothyroxine 100microgram tablets and not as per the basic price listed in Part VIII of the Drug Tariff.</i></p>	<p><i>The prescriber has free-typed 'please supply Teva brand only' into the dosage instructions field. Product information included in the 'free text' fields of the electronic prescription are not extracted by the NHSBSA for reimbursement purposes. Therefore, contractors are reimbursed according to the basic price listed in Part VIII of the Drug Tariff price and NOT as per the NHS list price for the Teva UK product if this was supplied.</i></p>

patient

<https://cpe.org.uk/our-news/levothyroxine-new-prescribing-advice-if-specific-product-required-by-patient/>

An example of a real prescription:



Thanks to Jaydee1507 for NHS prescription detail

The *Medicines and Healthcare products Regulatory Agency* (MHRA) have published this advice:

Levothyroxine: new prescribing advice for patients who experience symptoms on switching between different levothyroxine products

If a patient reports persistent symptoms when switching between different levothyroxine tablet formulations, consider consistently prescribing a specific product known to be well tolerated by the patient. If symptoms or poor control of thyroid function persist (despite adhering to a specific product), consider prescribing levothyroxine in an oral solution formulation.

<https://www.gov.uk/drug-safety-update/levothyroxine-new-prescribing-advice-for-patients-who-experience-symptoms-on-switching-between-different-levothyroxine-products>

Prescription Writing from NHS Health Education England Medicines Management

LEGAL ASPECTS OF PRESCRIPTION WRITING

<https://london.hee.nhs.uk/medicines-management-legal-aspects-prescription-writing>

NHS PRIMARY CARE PRESCRIPTION (FP10)

<https://london.hee.nhs.uk/medicines-management-nhs-primary-care-prescription-fp10>

SECONDARY CARE PRESCRIPTIONS

<https://london.hee.nhs.uk/medicines-management-secondary-care-prescriptions>

G. Update Notes

Tuesday 17 September 2024

Add anti-thyroid medicines summary to make the document more complete.

Tuesday 8th October

Added information about Glenmark and Crescent levothyroxine, added some links.

Added BNF links

Tuesday 16 October 2024

Added NHS Drug Tariff links

Friday 6th December 2024

Major updates due to changes to Wockhardt Levothyroxine tablets.

Thursday 19th December 2024

Added prices from dm+d

Wednesday 9th April 2025

Enhanced formatting.

Adding images of some product packaging.

FINIS

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