

Product Datasheet

Liothyronine (Standard) (orb3141091)

Catalog Number	orb3141091
Category	Small Molecules
Description	<p>Liothyronine (Standard) is a reference standard for research and analysis in studies involving Liothyronine. Liothyronine (Tresitope) is a synthetic and highly active thyroid hormone that acts as an effective agonist of TRα and TRβ (K_i = 2.33 nM for both hTRα and hTRβ). It activates the TRβ1 receptor, promotes the metabolism of carbohydrates, proteins, and fats, accelerates the oxidative processes in tissue cells, maintains basal metabolic rate, and supports normal growth and development. Liothyronine can be used to induce hyperthyroidism models.</p>
Target	Others
MW	650.97
CAS Number	6893-02-3
Formula	C ₁₅ H ₁₂ I ₃ NO ₄
SMILES	<chem>N[C@@H](Cc1cc(I)c(Oc2ccc(O)c(I)c2)c(I)c1)C(O)=O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)