

Product Name : Lyothyronine

Synonyms : —

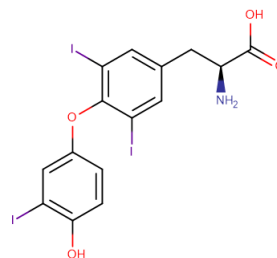
Cat No. : M15635

CAS Number : 6893-02-3

Molecular Formula : C₁₅H₁₂I₃NO₄

Formula Weight : 650.97

Chemical Name : —



Description : Lyothyronine is a T₃ thyroid hormone normally synthesized and secreted by the thyroid gland in much smaller quantities than thyroxine (T₄). Most T₃ is derived from peripheral monodeiodination of T₄ at the 5' position of the outer ring of the iodothyronine nucleus. The hormone finally delivered and used by the tissues is mainly T₃.

Pathway : Endocrinology/Hormones

Target : THR

Receptor : TR α ; TR β

Solubility : DMSO: \geq 6.9 mg/mL

SMILES : C1=CC(=C(C=C1OC2=C(C=C(C=C2I)C[C@@H](C(=O)O)N)I)I)O

Storage : (-20°C)

Stability : \geq 2 years

Reference :

1.Jiang W, et al. J Endocrinol. 2004 Aug; 182(2):295-302.