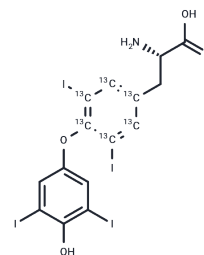


L-Thyroxine-13C6

Chemical Properties

CAS No. :	720710-30-5
Formula:	13C4C11H11I4NO4
Molecular Weight:	782.83
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	L-Thyroxine-13C6 is the 13C labeled compound of L-Thyroxine. L-Thyroxine (T0864) has a CAS number of 51-48-9. Levothyroxine is the major hormone derived from the thyroid gland. Thyroxine is synthesized via the iodination of tyrosines (MONOIODOTYROSINE) and the coupling of iodotyrosines (DIIODOTYROSINE) in the THYROGLOBULIN. Thyroxine is released from thyroglobulin by proteolysis and secreted into the blood. Thyroxine is peripherally deiodinated to form TRIIODOTHYRONINE which exerts a broad spectrum of stimulatory effects on cell metabolism.
Targets(IC50)	Endogenous Metabolite,Thyroid hormone receptor(THR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2774 mL	6.3871 mL	12.7742 mL
5 mM	0.2555 mL	1.2774 mL	2.5548 mL
10 mM	0.1277 mL	0.6387 mL	1.2774 mL
50 mM	0.0255 mL	0.1277 mL	0.2555 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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