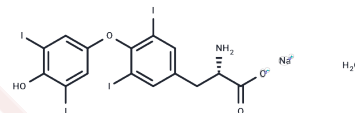


L-Thyroxine sodium xhydrate

Chemical Properties

CAS No. :	25416-65-3
Formula:	C ₁₅ H ₁₂ I ₄ NNaO ₅
Molecular Weight:	816.87
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 sodium xhydrate is a synthetic thyroid hormone used in the treatment of hypothyroidism.
Targets(IC50)	Endogenous Metabolite,Thyroid hormone receptor(THR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2242 mL	6.1209 mL	12.2418 mL
5 mM	0.2448 mL	1.2242 mL	2.4484 mL
10 mM	0.1224 mL	0.6121 mL	1.2242 mL
50 mM	0.0245 mL	0.1224 mL	0.2448 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.

Reference

Razvi Salman, et al. Levothyroxine treatment of subclinical hypothyroidism, fatal and nonfatal cardiovascular events, and mortality. Archives of internal medicine 172.10 (2012): 811-817.

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