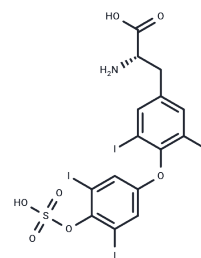


Thyroxine sulfate

Chemical Properties

CAS No. :	77074-49-8
Formula:	C ₁₅ H ₁₁ I ₄ NO ₇ S
Molecular Weight:	856.93
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	Thyroxine sulfate is a sulfoconjugated derivative of Thyroxine and is also a metabolite of Thyroxine.
Targets(IC50)	Others,Endogenous Metabolite,Drug Metabolite,Thyroid hormone receptor(THR)

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.167 mL	5.8348 mL	11.6696 mL
5 mM	0.2334 mL	1.167 mL	2.3339 mL
10 mM	0.1167 mL	0.5835 mL	1.167 mL
50 mM	0.0233 mL	0.1167 mL	0.2334 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

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Wu SY, Huang WS, Polk D, Florsheim WH, Green WL, Fisher DA. Identification of thyroxine-sulfate (T4S) in human serum and amniotic fluid by a novel T4S radioimmunoassay. *Thyroid*. 1992 Summer;2(2):101-5. PubMed PMID: 1525576.

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