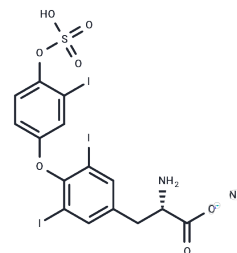


Triiodothyronine Sulfate

Chemical Properties

CAS No. :	31135-55-4
Formula:	C ₁₅ H ₁₁ I ₃ NNaO ₇ S
Molecular Weight:	753.02
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Triiodothyronine Sulfate is a prodrug to the Conventional Hormone Therapy of Hypothyroidism. Triiodothyronine sulfate is the main metabolite of thyroid hormone triiodothyronine (T3). Triiodothyronine is an active form of thyroid hormone bind to $\beta 1$ thyroid hormone receptor (TR $\beta 1$), and activates its activity[1][2].
Targets(IC50)	Thyroid hormone receptor(THR),Endogenous Metabolite

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	1.328 mL	6.6399 mL	13.2799 mL
5 mM	0.2656 mL	1.328 mL	2.656 mL
10 mM	0.1328 mL	0.664 mL	1.328 mL
50 mM	0.0266 mL	0.1328 mL	0.2656 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.

Reference

Li J, Bai Y, Liu Y, et al. Transcriptome-based chemical screens identify CDK8 as a common barrier in multiple cell reprogramming systems. Cell Reports. 2023, 42(6).

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