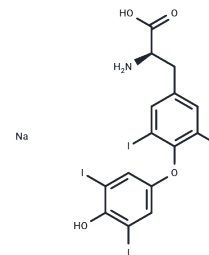


Dextrothyroxine sodium

Chemical Properties

CAS No. :	137-53-1
Formula:	C ₁₅ H ₁₀ I ₄ NNaO ₄
Molecular Weight:	798.85
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	Dextrothyroxine sodium is the dextrorotary isomer of thyroxine.
Targets(IC50)	Others,Thyroid hormone receptor(THR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2518 mL	6.259 mL	12.518 mL
5 mM	0.2504 mL	1.2518 mL	2.5036 mL
10 mM	0.1252 mL	0.6259 mL	1.2518 mL
50 mM	0.025 mL	0.1252 mL	0.2504 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

- Evaluation of a hypocholesterolemic agent. Dextrothyroxine sodium (Choloxin). JAMA. 1969 May 12;208(6):1014-5. PubMed PMID: 5818672.
- OWENS JC, NEELY WB, OWEN WR. Effect of sodium dextrothyroxine in patients receiving anticoagulants. Clin Med (Northfield). 1962 Oct;69:2283-4. PubMed PMID: 15445906.
- OWEN WR, NEELY WB, OWENS JC. Effect of sodium dextrothyroxine on serum cholesterol in man. JAMA. 1961 Dec 9; 178:1036-8. PubMed PMID: 14482904.
- OWENS JC, NEELY WB, OWEN WR. Effect of sodium dextrothyroxine in patients receiving anticoagulants. N Engl J Med. 1962 Jan 11;266:76-9. PubMed PMID: 14482918.

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