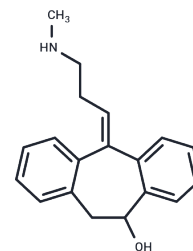


(E)-10-Hydroxynortriptyline

Chemical Properties

CAS No. :	47132-16-1
Formula:	C ₁₉ H ₂₁ NO
Molecular Weight:	279.38
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	(E)-10-Hydroxynortriptyline (E-10-OH-NT) is an active metabolite of Nortriptyline with anxiolytic activity and affinity for muscarinic acetylcholine receptors, which can be used in the study of neurological disorders.
Targets(IC50)	Drug Metabolite

Solubility Information

Solubility	Methanol: 20 mg/mL (71.59 mM), Sonication is recommended. H ₂ O: 1 mg/mL (3.58 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5794 mL	17.8968 mL	35.7935 mL
5 mM	0.7159 mL	3.5794 mL	7.1587 mL
10 mM	0.3579 mL	1.7897 mL	3.5794 mL
50 mM	0.0716 mL	0.3579 mL	0.7159 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

- Bertilsson L, et al. Disposition of single oral doses of E-10-hydroxynortriptyline in healthy subjects, with some observations on pharmacodynamic effects. Clin Pharmacol Ther. 1986 Sep;40(3):261-7.
- Dumont E, et al. Glucuronidation of the enantiomers of E-10-hydroxynortriptyline in human and rat liver microsomes. Pharmacol Toxicol. 1987 Nov;61(5):335-41.

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