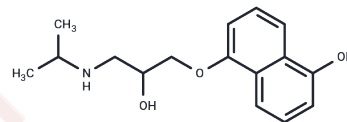


5-hydroxy Propranolol

Chemical Properties

CAS No. :	81907-82-6
Formula:	C ₁₆ H ₂₁ NO ₃
Molecular Weight:	275.348
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	5-hydroxy Propranolol is a metabolite of propranolol, a β -adrenergic receptor antagonist. Propranolol is primarily metabolized in the liver, with cytochrome P450 isoform 2D6 directing ring hydroxylation and the generation of 5-hydroxy propranolol and related metabolites.
Targets(IC50)	Others, Adrenergic Receptor

Solubility Information

Solubility	Ethanol: 30 mg/mL (108.95 mM), Sonication is recommended. DMSO: 30 mg/mL (108.95 mM), Sonication is recommended. DMF: PBS(pH 7.2)(1:1): 0.5 mg/mL (1.82 mM), Sonication is recommended. DMF: 50 mg/mL (181.59 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	3.6317 mL	18.1587 mL	36.3174 mL
5 mM	0.7263 mL	3.6317 mL	7.2635 mL
10 mM	0.3632 mL	1.8159 mL	3.6317 mL
50 mM	0.0726 mL	0.3632 mL	0.7263 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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