

4-Hydroxy propranolol-D7 hydrochloride

Chemical Properties

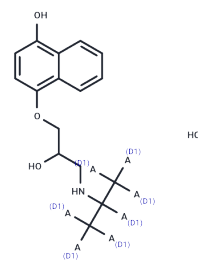
CAS No. :

Formula: C₁₆D₇H₁₅ClNO₃

Molecular Weight: 318.85

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

4-Hydroxy propranolol-D7 hydrochloride is a deuterated compound of 4-Hydroxy propranolol hydrochloride (T10150). 4-Hydroxy propranolol hydrochloride has a CAS number of 14133-90-5. 4-Hydroxypropranolol hydrochloride is an active metabolite of Propranolol, with a potency comparable to Propranolol. It inhibits β 1- and β 2-adrenergic receptors (pA₂s: 8.24 and 8.26).

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1363 mL	15.6814 mL	31.3627 mL
5 mM	0.6273 mL	3.1363 mL	6.2725 mL
10 mM	0.3136 mL	1.5681 mL	3.1363 mL
50 mM	0.0627 mL	0.3136 mL	0.6273 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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