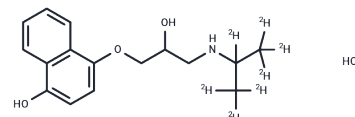


4-Hydroxypropranolol-d7 hydrochloride

Chemical Properties

CAS No. : 1219804-03-1
 Formula: C₁₆H₂₂ClNO₃
 Molecular Weight: 318.85
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	4-Hydroxypropranolol D7 hydrochloride is deuterium-labeled 4-Hydroxypropranolol hydrochloride. 4-Hydroxypropranolol hydrochloride is an active metabolite of Propranolol, with a potency comparable to Propranolol. It inhibits β 1- and β 2-adrenergic receptors (pA ₂ s: 8.24 and 8.26).
Targets(IC ₅₀)	Others

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.

Reference

Fitzgerald JD, et al. Pharmacology of 4-hydroxypropranolol, a metabolite of propranolol. Br J Pharmacol. 1971 Sep;43(1):222-35.

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