

Pilocarpine-D3 hydrochloride

Chemical Properties

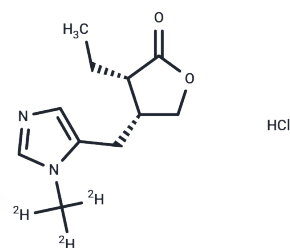
CAS No. :

Formula: C₁₁H₁₄D₃ClN₂O₂

Molecular Weight: 247.74

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

Pilocarpine-D3 hydrochloride is a deuterated compound of Pilocarpine hydrochloride (T0804). Pilocarpine hydrochloride has a CAS number of 54-71-7. Pilocarpine hydrochloride, a nonselective muscarinic acetylcholine receptor agonist, is utilized to produce an experimental model of epilepsy.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0365 mL	20.1824 mL	40.3649 mL
5 mM	0.8073 mL	4.0365 mL	8.073 mL
10 mM	0.4036 mL	2.0182 mL	4.0365 mL
50 mM	0.0807 mL	0.4036 mL	0.8073 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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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481