

Naloxone-D5 hydrochloride

Chemical Properties

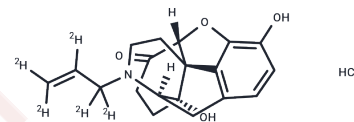
CAS No. : 1426174-78-8

Formula: C₁₉H₁₇D₅ClNO₄

Molecular Weight: 368.87

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

Naloxone-D5 hydrochloride is a deuterated compound of Naloxone hydrochloride. Naloxone hydrochloride has a CAS number of 357-08-4. Naloxone hydrochloride (T0102) is a specific opiate antagonist that has no agonist activity. It is a competitive antagonist at mu, delta, and kappa opioid receptors.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.711 mL	13.5549 mL	27.1098 mL
5 mM	0.5422 mL	2.711 mL	5.422 mL
10 mM	0.2711 mL	1.3555 mL	2.711 mL
50 mM	0.0542 mL	0.2711 mL	0.5422 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.

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481