

Ipratropium-D3 Bromide

Chemical Properties

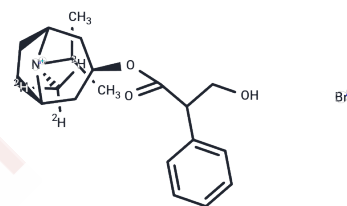
CAS No. :

Formula: C₂₀H₂₇D₃BrNO₃

Molecular Weight: 415.38

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

Ipratropium-D3 Bromide is a deuterated compound of Ipratropium Bromide. Ipratropium Bromide (T6547) has a CAS number of 22254-24-6. Ipratropium is a synthetic anticholinergic agent that is used as an inhalant for treatment of acute bronchospasm due to chronic bronchitis and emphysema.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4074 mL	12.0372 mL	24.0743 mL
5 mM	0.4815 mL	2.4074 mL	4.8149 mL
10 mM	0.2407 mL	1.2037 mL	2.4074 mL
50 mM	0.0481 mL	0.2407 mL	0.4815 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.

Reference

- Zhang W, et al. Eur J Pharmacol,2010, 647(1-3), 178-187.

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