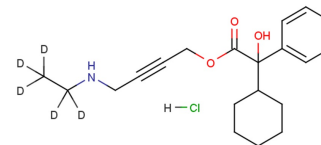


N-Desethyl Oxybutynin D5 hydrochloride

Chemical Properties

CAS No.:	1173018-49-9
Formula:	C ₂₀ H ₂₃ D ₅ ClNO ₃
Molecular Weight:	370.93
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	N-Desethyl Oxybutynin D5 hydrochloride is the the active metabolite Oxybutynin, is deuterium labeled N-Desethyl Oxybutynin hydrochloride.
Targets(IC ₅₀)	Others: None
In vitro	Oxybutynin is an anticholinergic agent, inhibits vascular Kv channels in a concentration-dependent manner(IC ₅₀ of 11.51 μM)[1].

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.696 mL	13.48 mL	26.959 mL
5 mM	0.539 mL	2.696 mL	5.392 mL
10 mM	0.27 mL	1.348 mL	2.696 mL
50 mM	0.054 mL	0.27 mL	0.539 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Li H, The anticholinergic drug oxybutynin inhibits voltage-dependent K

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481