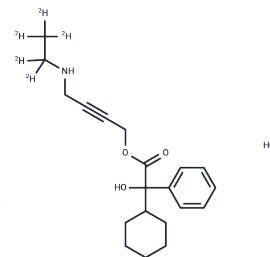


## N-Desethyl Oxybutynin-D5 hydrochloride

## Chemical Properties

CAS No. :	1173018-49-9
Formula:	C <sub>20</sub> H <sub>28</sub> ClNO <sub>3</sub>
Molecular Weight:	370.93
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	N-Desethyl Oxybutynin-D5 hydrochloride is the the active metabolite Oxybutynin, is deuterium labeled N-Desethyl Oxybutynin hydrochloride.
Targets(IC50)	Drug Metabolite
In vitro	Oxybutynin is an anticholinergic agent, inhibits vascular Kv channels in a concentration-dependent manner(IC50 of 11.51 μM)[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6959 mL	13.4796 mL	26.9593 mL
5 mM	0.5392 mL	2.6959 mL	5.3919 mL
10 mM	0.2696 mL	1.348 mL	2.6959 mL
50 mM	0.0539 mL	0.2696 mL	0.5392 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

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

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