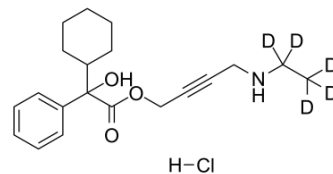


## N-Desethyl Oxybutynin D5 hydrochloride

Cat. No.:	HY-135407S
CAS No.:	1173018-49-9
Molecular Formula:	C <sub>20</sub> H <sub>23</sub> D <sub>5</sub> ClNO <sub>3</sub>
Molecular Weight:	370.93
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

<b>Description</b>	N-Desethyl Oxybutynin D5 hydrochloride is deuterium labeled N-Desethyl Oxybutynin hydrochloride. N-Desethyl Oxybutynin is the active metabolite Oxybutynin. Oxybutynin is an anticholinergic agent that inhibits voltage-dependent K <sup>+</sup> channels <sup>[1]</sup> .
<b>In Vitro</b>	Oxybutynin is an anticholinergic agent, which inhibits vascular K <sub>v</sub> channels in a concentration-dependent manner, with an IC <sub>50</sub> of 11.51 μM <sup>[1]</sup> .

### REFERENCES

[1]. Li H, The anticholinergic drug oxybutynin inhibits voltage-dependent K<sup>+</sup> channels in coronary arterial smooth muscle cells. Clin Exp Pharmacol Physiol. 2019 Nov;46(11):1030-1036.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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