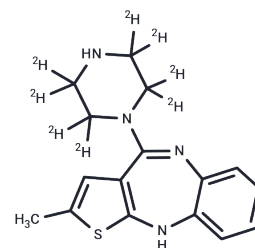


## N-Desmethyl Olanzapine-d8

## Chemical Properties

CAS No. :	786686-82-6
Formula:	C <sub>16</sub> H <sub>10</sub> D <sub>8</sub> N <sub>4</sub> S
Molecular Weight:	306.46
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-Desmethyl Olanzapine-d8 is the deuterated compound of N-Desmethyl Olanzapine. N-Desmethyl Olanzapine is an antipsychotic drug used in research on antipsychotic medications.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2631 mL	16.3153 mL	32.6307 mL
5 mM	0.6526 mL	3.2631 mL	6.5261 mL
10 mM	0.3263 mL	1.6315 mL	3.2631 mL
50 mM	0.0653 mL	0.3263 mL	0.6526 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

Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019;53(2):211-216.

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