

## Methocarbamol-D5

## Chemical Properties

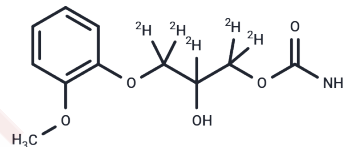
CAS No. : 1189699-70-4

Formula: C<sub>11</sub>H<sub>15</sub>N<sub>1</sub>O<sub>5</sub>

Molecular Weight: 246.27

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	Methocarbamol (T1409) is a central muscle relaxant. Methocarbamol-D5 is deuterium labeled Methocarbamol.
Targets(IC50)	Sodium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0606 mL	20.3029 mL	40.6058 mL
5 mM	0.8121 mL	4.0606 mL	8.1212 mL
10 mM	0.4061 mL	2.0303 mL	4.0606 mL
50 mM	0.0812 mL	0.4061 mL	0.8121 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

Bruce, R.B., L.B. Turnbull, and J.H. Newman, Metabolism of methocarbamol in the rat, dog, and human. J Pharm Sci, 19760(1): p. 104-6.

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