

## Metolazone-D7

## Chemical Properties

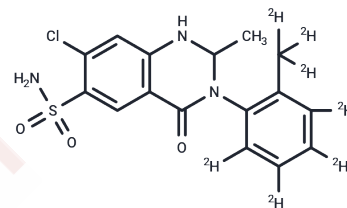
CAS No. :

Formula: C<sub>16</sub>H<sub>9</sub>D<sub>7</sub>ClN<sub>3</sub>O<sub>3</sub>S

Molecular Weight: 372.88

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

Metolazone-D7 is a deuterated compound of Metolazone. Metolazone (T1585) has a CAS number of 17560-51-9. Metolazone (T1585) is a quinazoline-sulfonamide derived DIURETIC that functions by inhibiting SODIUM CHLORIDE SYMPORTERS.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6818 mL	13.4091 mL	26.8183 mL
5 mM	0.5364 mL	2.6818 mL	5.3637 mL
10 mM	0.2682 mL	1.3409 mL	2.6818 mL
50 mM	0.0536 mL	0.2682 mL	0.5364 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

- Rosenberg J, et al. Cardiovasc Drugs Ther. 2005 Aug;19(4):301-6.

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