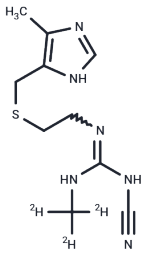
Data Sheet (Cat.No.TMID-1110)

TargetMol

Cimetidine-D3

Chemical Properties



CAS No. : 1185237-29-9

Formula: C10H16N6S

Molecular Weight: 255.36

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	Cimetidine-D3 is the deuterated analog of Cimetidine. Cimetidine (T0797) (SKF-92334) is an orally active, reversible histamine H2 receptor antagonist with a Ki of 0.6 μM, and it also acts as an inverse agonist. Additionally, Cimetidine (T0797) exhibits anti-cancer and anti-inflammatory properties.
Targets(IC50)	Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.916 mL	19.5802 mL	39.1604 mL
5 mM	0.7832 mL	3.916 mL	7.8321 mL
10 mM	0.3916 mL	1.958 mL	3.916 mL
50 mM	0.0783 mL	0.3916 mL	0.7832 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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