

## Montelukast-D6

## Chemical Properties

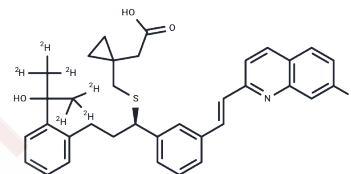
CAS No. : 1093746-29-2

Formula: C<sub>35</sub>H<sub>30</sub>D<sub>6</sub>ClNO<sub>3</sub>S

Molecular Weight: 592.22

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	Montelukast-D6 is a deuterated compound of Montelukast. Montelukast (T1677) has a CAS number of 158966-92-8. Montelukast (T1677) is an orally available leukotriene receptor antagonist which is widely used for the prophylaxis and chronic treatment of asthma and has been linked to rare cases of clinically apparent liver injury.
Targets(IC50)	Leukotriene Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6886 mL	8.4428 mL	16.8856 mL
5 mM	0.3377 mL	1.6886 mL	3.3771 mL
10 mM	0.1689 mL	0.8443 mL	1.6886 mL
50 mM	0.0338 mL	0.1689 mL	0.3377 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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