

Montelukast sulfoxide

Chemical Properties

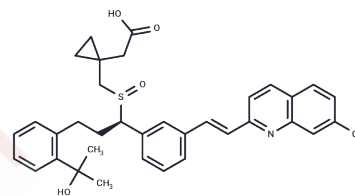
CAS No. : 1152185-58-4

Formula: C₃₅H₃₆ClNO₄S

Molecular Weight: 602.18

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 sulfoxide is a leukotriene receptor antagonist (LTRA) used for the maintenance treatment of asthma and to relieve symptoms of seasonal allergies. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.6606 mL | 8.3032 mL | 16.6063 mL |
| 5 mM | 0.3321 mL | 1.6606 mL | 3.3213 mL |
| 10 mM | 0.1661 mL | 0.8303 mL | 1.6606 mL |
| 50 mM | 0.0332 mL | 0.1661 mL | 0.3321 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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