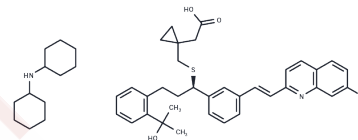


Montelukast dicyclohexylamine

Chemical Properties

CAS No. : 577953-88-9
 Formula: C₄₇H₅₉ClN₂O₃S
 Molecular Weight: 767.5
 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 dicyclohexylamine (MK0476), a potent, selective, and orally active antagonist of the cysteinyl leukotriene receptor 1 (CysLT1), is utilized in the research of asthma, liver injury, and COVID-19. It exhibits antioxidant properties in the context of intestinal ischemia-reperfusion injury and can mitigate cardiac damage. Additionally, it reduces eosinophil infiltration in the airways of asthmatic patients.
Targets(IC50)	Others,Leukotriene Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3029 mL	6.5147 mL	13.0293 mL
5 mM	0.2606 mL	1.3029 mL	2.6059 mL
10 mM	0.1303 mL	0.6515 mL	1.3029 mL
50 mM	0.0261 mL	0.1303 mL	0.2606 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481