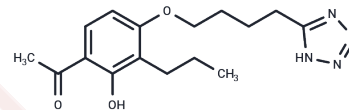


LY171883

Chemical Properties

CAS No. : 88107-10-2
 Formula: C₁₆H₂₂N₄O₃
 Molecular Weight: 318.38
 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	LY171883 is an orally active leukotriene D4 and E4 antagonist that can be used in asthma research.
Targets(IC50)	Leukotriene Receptor

Solubility Information

Solubility	DMSO: 80.00 mg/mL (251.27 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1409 mL	15.7045 mL	31.409 mL
5 mM	0.6282 mL	3.1409 mL	6.2818 mL
10 mM	0.3141 mL	1.5705 mL	3.1409 mL
50 mM	0.0628 mL	0.3141 mL	0.6282 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

Abraham WM, et al. The effect of an orally active leukotriene D4/E4 antagonist, LY171883, on antigen-induced airway responses in allergic sheep. Prostaglandins. 1986 Mar;31(3):457-67

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