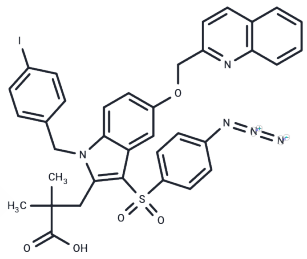
Data Sheet (Cat.No.T24340)

TargetMol

L 691678

Chemical Properties



CAS No. : 144210-49-1

Formula: C36H30IN5O5S

Molecular Weight: 771.63

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	L 691678 is a potent leukotriene biosynthesis inhibitor.
Targets(IC50)	Others,Leukotriene Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.296 mL	6.4798 mL	12.9596 mL
5 mM	0.2592 mL	1.296 mL	2.5919 mL
10 mM	0.1296 mL	0.648 mL	1.296 mL
50 mM	0.0259 mL	0.1296 mL	0.2592 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

Vickers PJ, Adam M, Charleson S, Coppolino MG, Evans JF, Mancini JA. Identification of amino acid residues of 5-lipoxygenase-activating protein essential for the binding of leukotriene biosynthesis inhibitors. Mol Pharmacol. 1992 Jul;42(1):94-102. PubMed PMID: 1635556.

Mancini JA, Prasit P, Coppolino MG, Charleson P, Leger S, Evans JF, Gillard JW, Vickers PJ. 5-Lipoxygenase-activating protein is the target of a novel hybrid of two classes of leukotriene biosynthesis inhibitors. Mol Pharmacol. 1992 Feb;41(2):267-72. PubMed PMID: 1538707.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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