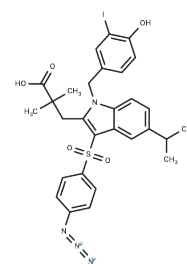


L 669083

Chemical Properties

CAS No. : 130007-52-2
 Formula: C₂₉H₂₉IN₄O₅S
 Molecular Weight: 672.54
 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 669083 is two classes of potent leukotriene biosynthesis inhibitors photoaffinity analogue.
Targets(IC50)	Others,FLAP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4869 mL	7.4345 mL	14.869 mL
5 mM	0.2974 mL	1.4869 mL	2.9738 mL
10 mM	0.1487 mL	0.7435 mL	1.4869 mL
50 mM	0.0297 mL	0.1487 mL	0.2974 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.

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Reid GK, Kargman S, Vickers PJ, Mancini JA, Léveillé C, Ethier D, Miller DK, Gillard JW, Dixon RA, Evans JF. Correlation between expression of 5-lipoxygenase-activating protein, 5-lipoxygenase, and cellular leukotriene synthesis. *J Biol Chem*. 1990 Nov 15;265(32):19818-23. PubMed PMID: 2174053.

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