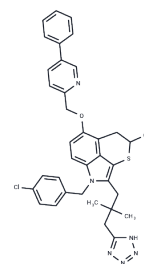


L 691816

Chemical Properties

CAS No. : 150461-07-7
 Formula: C₃₆H₃₅ClN₆O₅
 Molecular Weight: 635.22
 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 691816 is an effective inhibitor of the 5-LO reaction.
Targets(IC50)	Others,Lipoxygenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5743 mL	7.8713 mL	15.7426 mL
5 mM	0.3149 mL	1.5743 mL	3.1485 mL
10 mM	0.1574 mL	0.7871 mL	1.5743 mL
50 mM	0.0315 mL	0.1574 mL	0.3149 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

Hutchinson JH, Riendeau D, Brideau C, Chan C, Delorme D, Denis D, Falguyret JP, Fortin R, Guay J, Hamel P, et al. Substituted thiopyrano[2,3,4-c,d]indoles as potent, selective, and orally active inhibitors of 5-lipoxygenase. Synthesis and biological evaluation of L-691,816. J Med Chem. 1993 Sep 17;36(19):2771-87. PubMed PMID: 8410991.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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