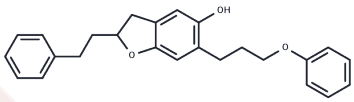
Data Sheet (Cat.No.T24325)

TargetMol

L 670630

Chemical Properties



CAS No. : 133174-26-2

Formula: C25H26O3

Molecular Weight: 374.47

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 670630 is a potent and orally active 5-lipoxygenase inhibitor.
Targets(IC50)	Others,Lipoxygenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6704 mL	13.3522 mL	26.7044 mL
5 mM	0.5341 mL	2.6704 mL	5.3409 mL
10 mM	0.267 mL	1.3352 mL	2.6704 mL
50 mM	0.0534 mL	0.267 mL	0.5341 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

Falgueyret JP, Hutchinson JH, Riendeau D. Criteria for the identification of non-redox inhibitors of 5-lipoxygenase. Biochem Pharmacol. 1993 Feb 24;45(4):978-81. PubMed PMID: 8452572.

Lau CK, Bélanger PC, Dufresne C, Scheigetz J, Therien M, Fitzsimmons B, Young RN, Ford-Hutchinson AW, Riendeau D, Denis D, et al. Development of 2,3-dihydro-6-(3-phenoxypropyl)-2-(2-phenylethyl)-5-benzofuranol (L-670,630) as a potent and orally active inhibitor of 5-lipoxygenase. J Med Chem. 1992 Apr 3;35(7):1299-318. PubMed PMID: 1313879.

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