

L 651896

Chemical Properties

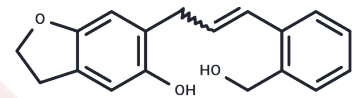
CAS No. : 99134-29-9

Formula: C₁₈H₁₈O₃

Molecular Weight: 282.33

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 651896 is a novel leukotriene biosynthesis and 5-lipoxygenase inhibitor for the study of respiratory and cardiovascular diseases. |
| Targets(IC50) | COX,Leukotriene Receptor,Lipoxygenase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.542 mL | 17.7098 mL | 35.4195 mL |
| 5 mM | 0.7084 mL | 3.542 mL | 7.0839 mL |
| 10 mM | 0.3542 mL | 1.771 mL | 3.542 mL |
| 50 mM | 0.0708 mL | 0.3542 mL | 0.7084 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

Millichamp NJ, et al. Acute effects of anti-inflammatory drugs on neodymium:yttrium aluminum garnet laser-induced uveitis in dogs. Am J Vet Res. 1991 Aug;52(8):1279-84.

Hammond ML, et al. Antioxidant-based inhibitors of leukotriene biosynthesis. The discovery of 6-[1-[2-(hydroxymethyl)phenyl]-1-propen-3-yl]-2,3-dihydro-5-benzofuranol, a potent topical antiinflammatory agent. J Med Chem. 1990 Mar;33(3):908-18.

Dembinska-Kiec A, et al. The effects of platelet-activating factor on flow rate and eicosanoid release in the isolated perfused rat gastric vascular bed. Prostaglandins. 1989 Jan;37(1):69-91.

Jones TR, et al. Leukotriene and anti-IgE induced contractions of human isolated trachea: studies with leukotriene receptor antagonists and a novel 5-lipoxygenase inhibitor. Can J Physiol Pharmacol. 1988 Jun;66(6):762-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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