

L 641953

Chemical Properties

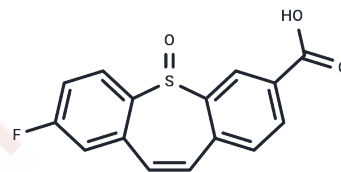
CAS No. : 89825-69-4

Formula: C₁₅H₉FO₃S

Molecular Weight: 288.29

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 641953 is an antagonist of the thromboxane receptor.
Targets(IC50)	Others, Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4687 mL	17.3436 mL	34.6873 mL
5 mM	0.6937 mL	3.4687 mL	6.9375 mL
10 mM	0.3469 mL	1.7344 mL	3.4687 mL
50 mM	0.0694 mL	0.3469 mL	0.6937 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

Welch WJ, Wilcox CS, Dunbar KR. Modulation of renin by thromboxane: studies with thromboxane synthase inhibitor, receptor antagonists, and mimetic. *Am J Physiol.* 1989 Oct;257(4 Pt 2):F554-60. PubMed PMID: 2508488.
Hall RA, Rokach JR, Bélanger P, Bianchi L, Ethier D, Ford-Hutchinson AW, Girard Y, Hamel P, Hamel R, Lord A, et al. L-641,953 (R-8-fluoro-dibenzo[b, f]thiepin-3-carboxylic acid-5-oxide): a novel thromboxane-prostaglandin endoperoxide antagonist. *Can J Physiol Pharmacol.* 1987 Apr;65(4):509-14. PubMed PMID: 3607600.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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