

Flurbiprofen Axetil

Chemical Properties

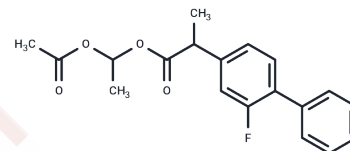
CAS No. : 91503-79-6

Formula: C₁₉H₁₉FO₄

Molecular Weight: 330.35

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Flurbiprofen Axetil (Lipfen) is an anti-inflammatory used as an analgesic.
Targets(IC50)	Apoptosis,ERK,NF-κB,MEK,AMPK,STAT,COX,Interleukin,PPAR,TNF,Wnt/beta-catenin

Solubility Information

Solubility	DMSO: 45 mg/mL (136.22 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0271 mL	15.1355 mL	30.2709 mL
5 mM	0.6054 mL	3.0271 mL	6.0542 mL
10 mM	0.3027 mL	1.5135 mL	3.0271 mL
50 mM	0.0605 mL	0.3027 mL	0.6054 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

Kathleen MK, et al. Defining the COX Inhibitor Selectivity of NSAIDs: Implications for Understanding Toxicity. Expert Rev Clin Pharmacol. 2010;3(6):769-776.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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