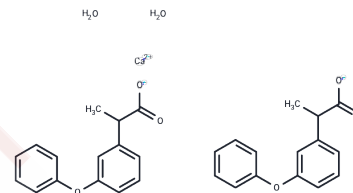


Fenopropfen Calcium hydrate

Chemical Properties

CAS No. :	71720-56-4
Formula:	C ₁₅ H ₁₄ O ₃ ·1/2Ca·H ₂ O
Molecular Weight:	558.63
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	Fenopropfen calcium is a propionic acid derivative that is used as a non-steroidal anti-inflammatory agent.
Targets(IC50)	COX

Solubility Information

Solubility	Ethanol: 18 mg/mL (32.22 mM),Sonication is recommended. H ₂ O: < 1 mg/mL (insoluble or slightly soluble), DMSO: 60 mg/mL (107.41 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	1.7901 mL	8.9505 mL	17.9009 mL
5 mM	0.358 mL	1.7901 mL	3.5802 mL
10 mM	0.179 mL	0.895 mL	1.7901 mL
50 mM	0.0358 mL	0.179 mL	0.358 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

Poggi JC, et al. J Clin Pharmacol. 2006 Nov;46(11):1328-36.

Jiang F, Chen Y, Yu J, et al.Repurposed Fenopropfen Targeting SaeR Attenuates Staphylococcus aureus Virulence in Implant-Associated Infections.ACS Central Science.2023

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481