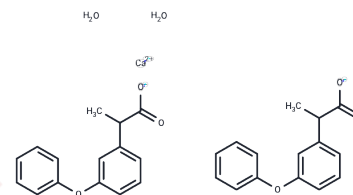


Fenoprofen calcium dihydrate

Chemical Properties

CAS No. : 53746-45-5
 Formula: C₃₀H₃₀CaO₈
 Molecular Weight: 558.63
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Fenoprofen 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, H ₂ O: < 1 mg/mL (insoluble or slightly soluble), DMSO: 60 mg/mL (107.41 mM), < 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.

Reference

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

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