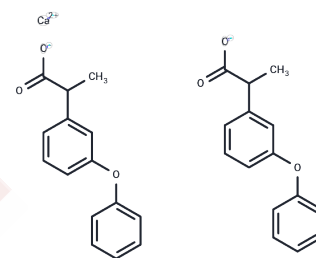


## Fenoprofen Calcium

## Chemical Properties

CAS No. :	34597-40-5
Formula:	C <sub>30</sub> H <sub>26</sub> CaO <sub>6</sub>
Molecular Weight:	522.6
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



## Biological Description

Description	Fenoprofen Calcium is a nonsteroidal, anti-inflammatory, and antiarthritic agent.
Targets(IC50)	ERK,Melanocortin Receptor,COX

## Solubility Information

Solubility	DMSO: 105 mg/mL (200.92 mM),Sonication is recommended. Ethanol: 10 mg/mL (19.14 mM),Sonication is recommended. H2O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9135 mL	9.5675 mL	19.1351 mL
5 mM	0.3827 mL	1.9135 mL	3.827 mL
10 mM	0.1914 mL	0.9568 mL	1.9135 mL
50 mM	0.0383 mL	0.1914 mL	0.3827 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

- Majumder J, Yedoti P, Dastidar P. Org Biomol Chem. 2015 Feb 28;13(8):2300-9.  
Wang N, Wang F, Meng Y, Yang GH, Chen JW, Wang JX. Chirality. 2015 Jul;27(7):436-40.

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