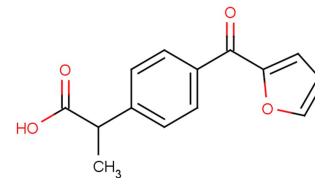


Furprofen

Chemical Properties

CAS No.:	66318-17-0
Formula:	C ₁₄ H ₁₂ O ₄
Molecular Weight:	244.24
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Furprofen acts via the inhibition of prostaglandin (PGE) synthesis. Furprofen can be treated orally for the relief of pain. Furprofen is a non-steroidal anti-inflammatory drug (NSAID) with analgesic properties.
Targets(IC ₅₀)	PGE: None

Solubility Information

Solubility	DMSO: 62.5 mg/mL (255.90 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.094 mL	20.472 mL	40.943 mL
5 mM	0.819 mL	4.094 mL	8.189 mL
10 mM	0.409 mL	2.047 mL	4.094 mL
50 mM	0.082 mL	0.409 mL	0.819 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Carlucci G, et al. A high performance liquid chromatographic procedure for the simultaneous determination of norfloxacin and furprofen in rat plasma. Biomed Chromatogr. 1993 May-Jun;7(3):126-8.
2. Locatelli M, et al. Microextraction by packed sorbent and high performance liquid chromatography determination of seven non-steroidal anti-inflammatory drugs in human plasma and urine. J Chromatogr A. 2014 Nov 7;1367:1-8.

Inhibitors · Natural Compounds · Compound Libraries

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