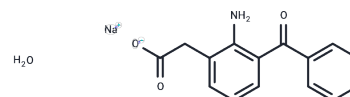


Amfenac Sodium Hydrate

Chemical Properties

CAS No. :	61618-27-7
Formula:	C ₁₅ H ₁₂ NO ₃ ·H ₂ O·Na
Molecular Weight:	295.27
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Amfenac Sodium Hydrate is a non-steroidal analgesic anti-inflammatory drug with acetic acid moiety.
Targets(IC50)	COX

Solubility Information

Solubility	Ethanol: 4 mg/mL (13.54 mM), H ₂ O: 54 mg/mL (182.9 mM), DMSO: 3.85 mg/mL (13.03 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	3.3867 mL	16.9337 mL	33.8673 mL
5 mM	0.6773 mL	3.3867 mL	6.7735 mL
10 mM	0.3387 mL	1.6934 mL	3.3867 mL
50 mM	0.0677 mL	0.3387 mL	0.6773 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

Gamache DA, et al. Inflammation, 2000, 24(4), 357-370.
Sancilio LF, et al. Agents Actions, 1977, 7(1), 133-144.

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