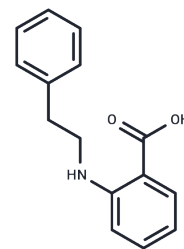


ENFENAMIC ACID

Chemical Properties

CAS No. : 23049-93-6
Formula: C₁₅H₁₅NO₂
Molecular Weight: 241.2851
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	Enfenamic acid is a platelet aggregation inhibitor and with antirheumatic.
Targets(IC50)	Others, Platelet aggregation
In vivo	Dose-matched comparison between zinc-salt of enfenamic acid and the parent compound was carried out in experimentally wounded male albino rats bearing either sutured incision, dead-space or excision wounds. Result showed that enfenamic-acid significantly decreased breaking-strength of incision wounds and this effects was totally reversed by zinc present in enfenamic acid-zinc salt. Both the parent compound and the salt had significant granulation suppressant effect in dead-space wounds. In excision wounds epithelization was enhanced by enfenamic acid only. The wound contraction was not affected by either test compound.

Solubility Information

Solubility	DMSO: 55 mg/mL (227.95 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	4.1444 mL	20.722 mL	41.4439 mL
5 mM	0.8289 mL	4.1444 mL	8.2888 mL
10 mM	0.4144 mL	2.0722 mL	4.1444 mL
50 mM	0.0829 mL	0.4144 mL	0.8289 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

Rao C M , Kumar A , Kulkarni D R . Effects of enfenamic acid and its zinc salt on wound-healing.[J]. Indian journal of physiology and pharmacology, 1988, 32(1):61-66.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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