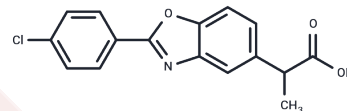


Benoxaprofen

Chemical Properties

CAS No. :	51234-28-7
Formula:	C ₁₆ H ₁₂ ClNO ₃
Molecular Weight:	301.72
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	Benoxaprofen (NSC-299582) is a non-steroidal anti-inflammatory drug.
Targets(IC50)	COX

Solubility Information

Solubility	DMSO: 60 mg/mL (198.86 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	3.3143 mL	16.5717 mL	33.1433 mL
5 mM	0.6629 mL	3.3143 mL	6.6287 mL
10 mM	0.3314 mL	1.6572 mL	3.3143 mL
50 mM	0.0663 mL	0.3314 mL	0.6629 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

Chin KY, El-Kayat B, Milne A, Hart A. Melanoma diagnosed 27 years after a benoxaprofen-induced photosensitivity reaction. *J Dermatol Case Rep.* 2012 Mar 27;6(1):5-7. doi: 10.3315/jdcr.2012.1087. PubMed PMID: 22514582; PubMed Central PMCID: PMC3322102.

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Dong JQ, Smith PC. Glucuronidation and covalent protein binding of benoxaprofen and flunoxaprofen in sandwich-cultured rat and human hepatocytes. *Drug Metab Dispos.* 2009 Dec;37(12):2314-22. doi: 10.1124/dmd.109.028944. Epub 2009 Sep 22. PubMed PMID: 19773537; PubMed Central PMCID: PMC2784705.

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