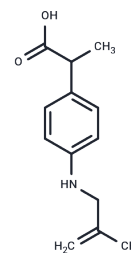


Alminoprofen

Chemical Properties

CAS No. :	39718-89-3
Formula:	C ₁₃ H ₁₇ NO ₂
Molecular Weight:	219.28
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	Alminoprofen is a nonsteroidal anti-inflammatory agent. It was found to significantly suppress passive anaphylactic bronchoconstrictions at 30 mg/kg given intraduodenally.
Targets(IC50)	Others, COX, Phospholipase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5604 mL	22.8019 mL	45.6038 mL
5 mM	0.9121 mL	4.5604 mL	9.1208 mL
10 mM	0.456 mL	2.2802 mL	4.5604 mL
50 mM	0.0912 mL	0.456 mL	0.9121 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

- Hanada S, Fujioka K, Futamura Y, Manabe N, Hoshino A, Yamamoto K. Evaluation of anti-inflammatory drug-conjugated silicon quantum dots: their cytotoxicity and biological effect. *Int J Mol Sci.* 2013 Jan 10;14(1):1323-34. doi: 10.3390/ijms14011323. PubMed PMID: 23306154; PubMed Central PMCID: PMC3565323.
- Syed NI, Zehra F, Syed AA, Karim S, Khan FZ. Comparing the effects of salts of diclofenac and alminoprofen with aspirin on serum electrolytes, creatinine and urea levels in rabbits. *Pak J Pharm Sci.* 2012 Oct;25(4):777-82. PubMed PMID: 23009994.
- Maeda E, Uematsu T. [The anti-pyretic mechanism of alminoprofen]. *Nihon Yakurigaku Zasshi.* 1991 Dec;98(6):457-66. Japanese. PubMed PMID: 1783327.
- Paillet M, Merdjan H, Brouard A, Doucet D, Barreteau H, Fredj G. Rapid determination of alminoprofen in plasma by high-performance liquid chromatography. *J Chromatogr.* 1985 Oct 11;343(2):455-9. PubMed PMID: 4066887.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481