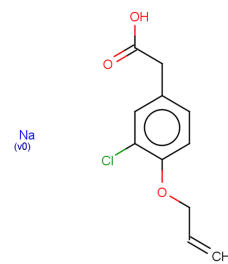


Alclofenac sodium

Chemical Properties

CAS No. :	24049-18-1
Formula:	C ₁₁ H ₁₁ ClNaO ₃
Molecular Weight:	249.65
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	Alclofenac sodium is an anti-inflammatory utilized in the treatment of rheumatoid arthritis.
Targets(IC50)	Others, Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0056 mL	20.028 mL	40.0561 mL
5 mM	0.8011 mL	4.0056 mL	8.0112 mL
10 mM	0.4006 mL	2.0028 mL	4.0056 mL
50 mM	0.0801 mL	0.4006 mL	0.8011 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

- Zecchi V, Rodriguez L, Tartarini A, Fini A. Kinetic aspects of the dissolution and partition of diclofenac, alclofenac and their sodium salts. Arch Pharm (Weinheim). 1984 Nov;317(11):897-905. PubMed PMID: 6151384.
- Kadir N, Grayson MF, Campbell ED. A double-blind one year clinical trial comparing alclofenac with gold in rheumatoid arthritis. Ann Clin Res. 1983;15(1):4-9. PubMed PMID: 6134490.
- Ohnishi H, Ito C, Yamaguchi K, Suzuki K, Saito A, Fujimura H. [Comparative study on the pharmacological activities of protizinic acid and various non-steroidal anti-inflammatory agents (author's transl)]. Nihon Yakurigaku Zasshi. 1980 Oct;76(7):609-19. Japanese. PubMed PMID: 7215998.
- Atkinson DC, Leach EC. Anti-inflammatory and related properties of 2-(2,4-dichlorophenoxy)phenylacetic acid (fenclofenac). Agents Actions. 1976 Sep;6(5):657-66. PubMed PMID: 970297.

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