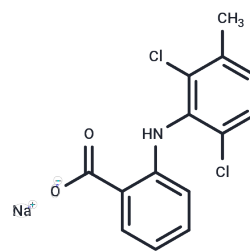


Meclofenamic acid sodium

Chemical Properties

CAS No. :	6385-02-0
Formula:	C ₁₄ H ₁₀ Cl ₂ NNaO ₂
Molecular Weight:	318.14
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Meclofenamic acid sodium (Movens), a non-steroidal anti-inflammatory agent, has properties of antipyretic and antigranulation activities. It also inhibits prostaglandin biosynthesis.
Targets(IC ₅₀)	Gap Junction Protein, COX

Solubility Information

Solubility	DMSO: 50 mg/mL (157.16 mM), Ethanol: 59 mg/mL (185.5 mM), H ₂ O: 58 mg/mL (182.3 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1433 mL	15.7164 mL	31.4327 mL
5 mM	0.6287 mL	3.1433 mL	6.2865 mL
10 mM	0.3143 mL	1.5716 mL	3.1433 mL
50 mM	0.0629 mL	0.3143 mL	0.6287 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

Soriano-Hernández AD, et al. Int Urol Nephrol. 2012 Apr;44(2):471-7.

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