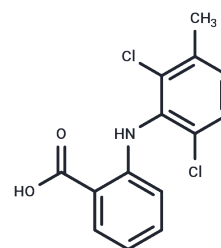


Meclofenamic acid

Chemical Properties

CAS No. :	644-62-2
Formula:	C ₁₄ H ₁₁ Cl ₂ NO ₂
Molecular Weight:	296.15
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Meclofenamic acid (Meclofenamate) is a non-selective gap-junction blocker and a selective fat mass and obesity-associated (FTO) enzyme inhibitor. Meclofenamic acid has anti-inflammatory activities.
Targets(IC50)	Others,Gap Junction Protein

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3767 mL	16.8833 mL	33.7667 mL
5 mM	0.6753 mL	3.3767 mL	6.7533 mL
10 mM	0.3377 mL	1.6883 mL	3.3767 mL
50 mM	0.0675 mL	0.3377 mL	0.6753 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

Eleftheriou CG, et al. Meclofenamic acid improves the signal to noise ratio for visual responses produced by ectopicexpression of human rod opsin. Mol Vis. 2017 Jun 16;23:334-345. eCollection 2017.

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