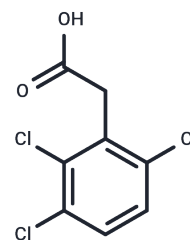


Chlorfenac

Chemical Properties

CAS No. :	85-34-7
Formula:	C ₈ H ₅ Cl ₃ O ₂
Molecular Weight:	239.48
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	Chlorfenac is an agent of pesticides.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1757 mL	20.8786 mL	41.7571 mL
5 mM	0.8351 mL	4.1757 mL	8.3514 mL
10 mM	0.4176 mL	2.0879 mL	4.1757 mL
50 mM	0.0835 mL	0.4176 mL	0.8351 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

- Rosenberg A. 2,3,6-Trichlorophenylacetic acid (fenac) degradation in aqueous and soil systems. Bull Environ Contam Toxicol. 1984 Apr;32(4):383-90. PubMed PMID: 6713132.
- MAYEUX JV, COLMER AR. The effect of 2,3,6-trichlorophenylacetic and 2,2-dichloropropionic acids on nitrite oxidation. Appl Microbiol. 1962 May;10:206-10. PubMed PMID: 14471731; PubMed Central PMCID: PMC1057842.

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