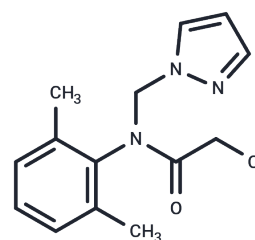


Metazachlor

Chemical Properties

CAS No. :	67129-08-2
Formula:	C ₁₄ H ₁₆ ClN ₃ O
Molecular Weight:	277.75
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	Metazachlor, a member of the chloroacetamide class of herbicides, acts as a long chain fatty acid synthesis inhibitor. It exerts an influence on cell division and tissue differentiation in germinating and emerging weed species.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6004 mL	18.0018 mL	36.0036 mL
5 mM	0.7201 mL	3.6004 mL	7.2007 mL
10 mM	0.360 mL	1.8002 mL	3.6004 mL
50 mM	0.072 mL	0.360 mL	0.7201 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

Christiane Wiemann, et al. Metazachlor: Mode of action analysis for rat liver tumour formation and human relevance. Toxicology. 2019 Oct 1;426:152282.

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