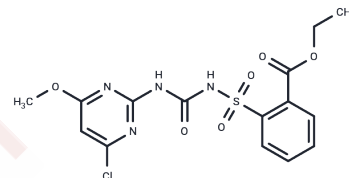


Chlorimuron-ethyl

Chemical Properties

CAS No. :	90982-32-4
Formula:	C ₁₅ H ₁₅ ClN ₄ O ₆ S
Molecular Weight:	414.82
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	Chlorimuron-ethyl, an influential herbicide extensively employed in soybean cultivation, exerts its action by inducing oxidative stress.
Targets(IC50)	Others
In vivo	Chlorimuron-ethyl (30 mg/kg) treatment significantly impedes CHL accumulation [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4107 mL	12.0534 mL	24.1068 mL
5 mM	0.4821 mL	2.4107 mL	4.8214 mL
10 mM	0.2411 mL	1.2053 mL	2.4107 mL
50 mM	0.0482 mL	0.2411 mL	0.4821 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

Meie Wang, et al. Effects of Herbicide Chlorimuron-Ethyl on Physiological Mechanisms in Wheat (Triticum Aestivum). Ecotoxicol Environ Saf. 2006 Jun;64(2):190-7.

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