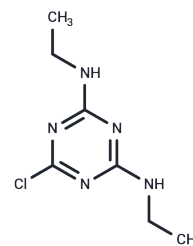


Simazine

Chemical Properties

CAS No. :	122-34-9
Formula:	C ₇ H ₁₂ ClN ₅
Molecular Weight:	201.66
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	Simazine (Tafazine) is a chlorotriazine herbicide and pesticide. Simazine may lead to testicular degeneration, neuroendocrine disruption, mammary cancer, and fetal developmental delays.
Targets(IC50)	Apoptosis,Bcl-2 Family,Others,Caspase,ROS

Solubility Information

Solubility	DMSO: 12 mg/mL (59.51 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9588 mL	24.7942 mL	49.5884 mL
5 mM	0.9918 mL	4.9588 mL	9.9177 mL
10 mM	0.4959 mL	2.4794 mL	4.9588 mL
50 mM	0.0992 mL	0.4959 mL	0.9918 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

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