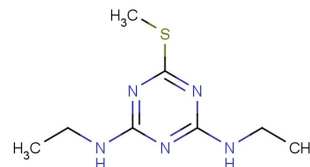


Simetryn

Chemical Properties

CAS No.:	1014-70-6
Formula:	C ₈ H ₁₅ N ₅ S
Molecular Weight:	213.3
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Simetryn is a herbicide.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 37 mg/mL (173.46 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.688 mL	23.441 mL	46.882 mL
5 mM	0.938 mL	4.688 mL	9.376 mL
10 mM	0.469 mL	2.344 mL	4.688 mL
50 mM	0.094 mL	0.469 mL	0.938 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Saka M. Acute toxicity of rice paddy herbicides simetryn, mefenacet, and thiobencarb to *Silurana tropicalis* tadpoles. *Ecotoxicol Environ Saf.* 2010 Sep;73(6):1165-9.
2. Saka M, et al. Application of an amphibian (*Silurana tropicalis*) metamorphosis assay to the testing of the chronic toxicity of three rice paddy herbicides: simetryn, mefenacet, and thiobencarb. *Ecotoxicol Environ Saf.* 2013 Jun;92:135-43.

Inhibitors · Natural Compounds · Compound Libraries

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