

Aramite

Chemical Properties

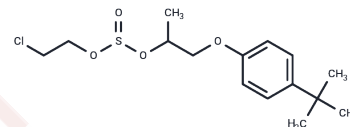
CAS No. : 140-57-8

Formula: C₁₅H₂₃ClO₄S

Molecular Weight: 334.86

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	Aramite is an insecticide that may have carcinogenic effects on mammals.
Targets(IC50)	Others,Parasite

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	2.9863 mL	14.9316 mL	29.8632 mL
5 mM	0.5973 mL	2.9863 mL	5.9726 mL
10 mM	0.2986 mL	1.4932 mL	2.9863 mL
50 mM	0.0597 mL	0.2986 mL	0.5973 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

Moriya F, Ishizu H, Akamatsu K. [A case of suicide suspected of poisoning from taking some agricultural chemicals]. Nihon Hoigaku Zasshi. 1991 Apr;45(2):158-65. Japanese. PubMed PMID: 1920923.

FLYNN RJ. Demodectic and sarcoptic mange of dogs successfully treated with aramite. J Am Vet Med Assoc. 1959 Feb 15;134(4):177-9. PubMed PMID: 13630800.

Carricaburu P, Lacroix R, Claude JR, Lacroix J. Electroretinographic study during acute Aramite intoxication of the white mouse. Toxicol Eur Res. 1979 Jul;2(4):195-8. PubMed PMID: 232789.

OSER BL, OSER M. 2-(p-tert-Butylphenoxy)isopropyl 2-chloroethyl sulfite (Aramite). II. Carcinogenicity. Toxicol Appl Pharmacol. 1962 Jan;4:70-88. PubMed PMID: 14482480.

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