Data Sheet (Cat.No.T19842)

TargetMol
A DRUG SCREENING EXPERT

Aramite

Chemical Properties

CAS No.:	140-57-8
Formula:	C15H23ClO4S
Molecular Weight:	334.86
Appearance:	N/A
Storage:	0-4℃ for short term (days to weeks), or -20℃ for long term (months).

Biological Description

Description	Aramite is an insecticide that may have carcinogenic effects on mammals.

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.986 mL	14.932 mL	29.863 mL
5 mM	0.597 mL	2.986 mL	5.973 mL
10 mM	0.299 mL	1.493 mL	2.986 mL
50 mM	0.060 mL	0.299 mL	0.597 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 ℃ for 6 months; - 20 ℃ for 1 month. Please use it as soon as possible.

Reference

1. 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.
2. 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.
3. 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.
4. 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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