

Sesamex

Chemical Properties

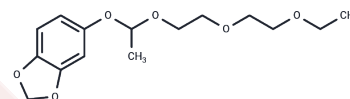
CAS No. : 51-14-9

Formula: C₁₅H₂₂O₆

Molecular Weight: 298.33

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	Sesamex is used as an insecticide.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.352 mL	16.760 mL	33.5199 mL
5 mM	0.6704 mL	3.352 mL	6.704 mL
10 mM	0.3352 mL	1.676 mL	3.352 mL
50 mM	0.067 mL	0.3352 mL	0.6704 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

Marty MA, Krieger RI. Metabolism of uscharidin, a milkweed cardenolide, by tissue homogenates of monarch butterfly larvae, *Danaus plexippus* L. *J Chem Ecol.* 1984 Jun;10(6):945-56. doi: 10.1007/BF00987975. PubMed PMID: 24318786.

Singh GJ, Thornhill RA. Pharmacokinetics of dieldrin with special reference to its metabolism in the epicuticular wax layer in *Calliphora erythrocephala*. *Gen Pharmacol.* 1980;11(3):283-92. PubMed PMID: 7190112.

Singh GJ, Thornhill RA. Metabolic fate of [¹⁴C]dieldrin in *Schistocerca gregaria* with particular reference to the nervous system. *Xenobiotica.* 1980 Jan;10(1):57-63. PubMed PMID: 7189927.

Keiding J. Resistance to fenitrothion in Danish houseflies, *Musca domestica*. *J Hyg Epidemiol Microbiol Immunol.* 1976;21(2):171-85. PubMed PMID: 987109.

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