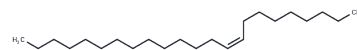


9(Z)-Tricosene

Chemical Properties

CAS No. :	27519-02-4
Formula:	C ₂₃ H ₄₆
Molecular Weight:	322.61
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	9(Z)-Tricosene is a long-chain monounsaturated alkene (C ₂₃ :1) containing a cis double bond. 9(Z)-Tricosene is commonly used as a component of insect pheromones and plays a particularly important role in sexual communication among insects such as fruit flies. 9(Z)-Tricosene is widely used in chemical ecology research and in experimental analyses of insect behavioral regulation mechanisms.
Targets(IC50)	Others

Solubility Information

Solubility	Ethanol: 20 mg/mL (61.99 mM),Sonication is recommended. DMF: 20 mg/mL (61.99 mM),Sonication is recommended. DMSO: 10 mg/mL (31 mM),Sonication is recommended. Acetone: 10 mg/mL (31 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0997 mL	15.4986 mL	30.9972 mL
5 mM	0.6199 mL	3.0997 mL	6.1994 mL
10 mM	0.310 mL	1.5499 mL	3.0997 mL
50 mM	0.062 mL	0.310 mL	0.6199 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481