

Cyclopreen

Chemical Properties

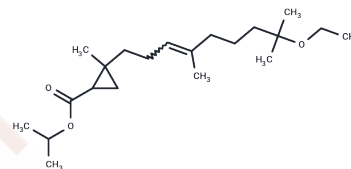
CAS No. : 61064-89-9

Formula: C₂₁H₃₈O₃

Molecular Weight: 338.52

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	Cyclopreen can be used as a juvenile hormone.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.954 mL	14.7702 mL	29.5404 mL
5 mM	0.5908 mL	2.954 mL	5.9081 mL
10 mM	0.2954 mL	1.477 mL	2.954 mL
50 mM	0.0591 mL	0.2954 mL	0.5908 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

Maciejewska J. The influence of the Polish juvenoid Cyklopreen on the development and survival of *Xenopsylla cheopis* (Rothschild, 1903) (Siphonaptera)--the principal vector of plague in man. Bull Inst Marit Trop Med Gdynia. 1986;37(3-4):263-74. PubMed PMID: 3440169.

Wegner Z. Insecticidal action of "Cyklopreen" against mosquitoes in minute artificial water containers. Bull Inst Marit Trop Med Gdynia. 1984;35(1-2):35-9. PubMed PMID: 6545940.

Krzemińska A, Mańkowska H, Sereda B. [Field studies on the effectiveness of insecticides containing juvenile hormones against the ant *Monomorium pharaonis* L]. Rocz Panstw Zakl Hig. 1983;34(1):103-7. Polish. PubMed PMID: 6612185.

Styczyńska B, Krzemińska A. [Laboratory testing of control of the *Monomorium pharaonis* L. ants with the use of juvenile hormones]. Rocz Panstw Zakl Hig. 1981;32(2):169-74. Polish. PubMed PMID: 7313455.

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