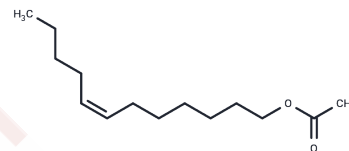


## Looplure

## Chemical Properties

CAS No. :	14959-86-5
Formula:	C <sub>14</sub> H <sub>26</sub> O <sub>2</sub>
Molecular Weight:	226.35
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	Looplure is a chemosterilant, insect attractant and repellent.
Targets(IC50)	Others

## 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	4.4179 mL	22.0897 mL	44.1794 mL
5 mM	0.8836 mL	4.4179 mL	8.8359 mL
10 mM	0.4418 mL	2.209 mL	4.4179 mL
50 mM	0.0884 mL	0.4418 mL	0.8836 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

Alford AR, Hammond AM Jr. Looplure efficacy and electrophysiological responses in three plusiinae species. J Chem Ecol. 1982 Dec;8(12):1455-62. doi: 10.1007/BF00989102. PubMed PMID: 24414889.

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