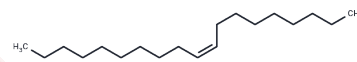


(Z)-9-nonadecene

Chemical Properties

CAS No. : 51865-02-2
 Formula: C₁₉H₃₈
 Molecular Weight: 266.51
 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	(Z)-9-nonadecene (9-Nonadecene) was identified the first time in <i>T. melanocephalum</i> . (Z)-9-nonadecene is a major component in mandibular glands and iridodials are produced in pygidial glands.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7522 mL	18.761 mL	37.522 mL
5 mM	0.7504 mL	3.7522 mL	7.5044 mL
10 mM	0.3752 mL	1.8761 mL	3.7522 mL
50 mM	0.075 mL	0.3752 mL	0.7504 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

Shi Q, Lu L, Lei Y, He Y, Chen J. Gland Origin and Electroantennogram Activity of Volatile Compounds in Ghost Ants, *Tapinoma melanocephalum* (Hymenoptera: Formicidae) and Behavioral Response to (Z)-9-Nonadecene. *Environ Entomol.* 2017 Dec 8;46(6):1374-1380.

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