

(Z)-3-Hexenyl tiglate

Chemical Properties

CAS No. : 67883-79-8

Formula: C11H18O2

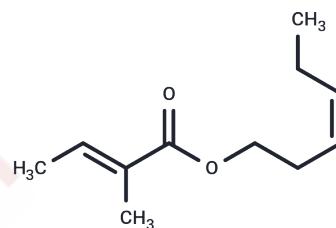
Molecular Weight: 182.26

Storage:

Keep away from direct sunlight, Keep away from moisture, Store under nitrogen

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)-3-Hexenyl tiglate ((3Z)-Hex-3-en-1-yl (2E)-2-methylbut-2-enoate) is a RIFM fragrance that can be used in paints, coatings, inks, resins and other fields.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 100 mg/mL (548.67 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4867 mL	27.4333 mL	54.8667 mL
5 mM	1.0973 mL	5.4867 mL	10.9733 mL
10 mM	0.5487 mL	2.7433 mL	5.4867 mL
50 mM	0.1097 mL	0.5487 mL	1.0973 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

Silva DB, et al. Qualitative and Quantitative Differences in Herbivore-Induced Plant Volatile Blends from Tomato Plants Infested by Either *Tuta absoluta* or *Bemisia tabaci*. *J Chem Ecol.* 2017 Jan;43(1):53-65.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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