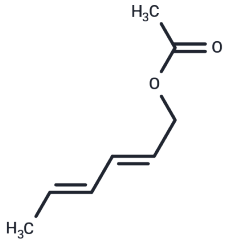
Data Sheet (Cat.No.T83993)

TargetMol

(2E,4E)-hexa-2,4-dien-1-yl acetate

Chemical Properties



CAS No. : 57006-69-6

Formula: C8H12O2

Molecular Weight: 140.18

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	(2E,4E)-hexa-2,4-dien-1-yl acetate is an intermediate of the sex pheromone of the codling moth.
Targets(IC50)	Others
In vitro	(2E,4E)-hexa-2,4-dien-1-yl acetate is an acetate ester resulting from the formal condensation of the carboxy group of acetic acid with the hydroxy group of (2E,4E)-hexa-2,4-dien-1-ol. It plays an important role in plant metabolites and flavorings.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.1337 mL	35.6684 mL	71.3369 mL
5 mM	1.4267 mL	7.1337 mL	14.2674 mL
10 mM	0.7134 mL	3.5668 mL	7.1337 mL
50 mM	0.1427 mL	0.7134 mL	1.4267 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

Popadyuk, A., Breuer, A., Bahr, J. et al. Sucrose octaesters as reactive diluents for alkyd coatings. J Coat Technol Res 15, 481–488 (2018).

Pilipenko, A.N., et al. Eleuthesides and their analogs: VII. Synthesis of menthane derivatives by the Diels-Alder reaction of levoglucosenone with (2E,4E)-hexa-2,4-dien-1-yl acetate. Russ J Org Chem 50, 1504–1510 (2014).

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