

Octadecyl caffeate

Chemical Properties

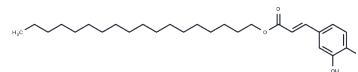
CAS No. : 69573-60-0

Formula: C₂₇H₄₄O₄

Molecular Weight: 432.645

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	z-Octadecyl caffeate may have pain-relieving activity. Octadecyl caffeate and coptisonine can stimulate glucose uptake at 25 and 50 ug/mL. Octadecyl caffeate and octadecyl coumarate applied to the surface of susceptible varieties in laboratory bioassays reduced feeding and oviposition, as observed on roots of resistant varieties, and therefore are implicated in weevil resistance.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3113 mL	11.5567 mL	23.1134 mL
5 mM	0.4623 mL	2.3113 mL	4.6227 mL
10 mM	0.2311 mL	1.1557 mL	2.3113 mL
50 mM	0.0462 mL	0.2311 mL	0.4623 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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