

N-Vanillyldecanamide

Chemical Properties

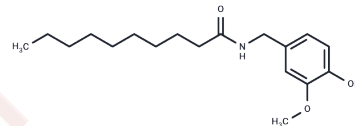
CAS No. : 31078-36-1

Formula: C₁₈H₂₉NO₃

Molecular Weight: 307.43

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	N-Vanillyldecanamide (Decylic acid vanillylamide), isolated from fruits of Capsicum annuum, significantly reduced free radical length in alfalfa seedlings in a dose-dependent manner.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 250 mg/mL (813.19 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	3.2528 mL	16.2639 mL	32.5277 mL
5 mM	0.6506 mL	3.2528 mL	6.5055 mL
10 mM	0.3253 mL	1.6264 mL	3.2528 mL
50 mM	0.0651 mL	0.3253 mL	0.6506 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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