

N-Benzyloctadecanamide

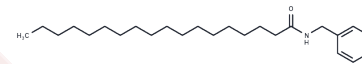
Chemical Properties

CAS No. : 5327-45-7

Formula: C₂₅H₄₃NO

Molecular Weight: 373.61

Storage: Keep away from moisture, Keep away from direct sunlight
 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-Benzyloctadecanamide is a distinct class of secondary metabolites in <i>Lepidium meyenii</i> Walp. (Maca).
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6766 mL	13.3829 mL	26.7659 mL
5 mM	0.5353 mL	2.6766 mL	5.3532 mL
10 mM	0.2677 mL	1.3383 mL	2.6766 mL
50 mM	0.0535 mL	0.2677 mL	0.5353 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

McCullom MM, et al. Analysis of macamides in samples of Maca (*Lepidium meyenii*) by HPLC-UV-MS/MS. *Phytochem Anal.* 2005 Nov-Dec;16(6):463-9.

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