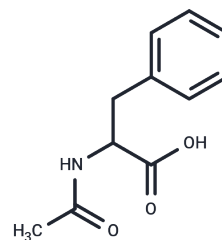


Afanine

Chemical Properties

CAS No. :	2901-75-9
Formula:	C ₁₁ H ₁₃ NO ₃
Molecular Weight:	207.23
Appearance:	no data available
Storage:	store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Afanine (N-Acetyl-DL-phenylalanine) is an amino acid derivative.
Targets(IC50)	Amino Acids and Derivatives

Solubility Information

Solubility	DMSO: 60 mg/mL (289.53 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	4.8256 mL	24.1278 mL	48.2556 mL
5 mM	0.9651 mL	4.8256 mL	9.6511 mL
10 mM	0.4826 mL	2.4128 mL	4.8256 mL
50 mM	0.0965 mL	0.4826 mL	0.9651 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.

Reference

Tsung PK, et al. Biochim Biophys Acta. 1976 Aug 12;445(1):112-7.

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