Data Sheet (Cat.No.TN7194)

TargetMol

AC-PHE-OME

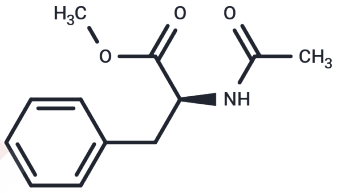
Chemical Properties

CAS No. : 3618-96-0

Formula: C12H15NO3

Molecular Weight: 221.25

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	AC-PHE-OME (Methyl N-acetyl-L-phenylalaninate) is a marine derived natural products found in Family Jaspidae.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 50 mg/mL (225.99 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5198 mL	22.5989 mL	45.1977 mL
5 mM	0.904 mL	4.5198 mL	9.0395 mL
10 mM	0.452 mL	2.2599 mL	4.5198 mL
50 mM	0.0904 mL	0.452 mL	0.904 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

Gong C, Zhou G, Jing D, Song H, Xu J, Meng D. Three New Compounds from Delphinium kamaonense Hunth and Their inVitro Cytotoxic and Potential Antioxidant Activities. Chem Biodivers. 2022 Jul;19(7):e202200463. doi: 10.1002/cbdv.202200463. Epub 2022 Jul 4. PMID: 35785443.

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