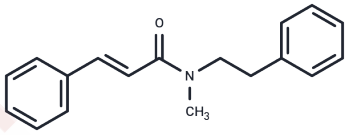
Data Sheet (Cat.No.TN8511)

TargetMol

Lansiumamide C

Chemical Properties



CAS No. : 121817-38-7

Formula: C18H19NO

Molecular Weight: 265.35

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	Lansiumamide C belongs to the class of organic compounds known as cinnamic acids and derivatives. Lansiumamide C has been detected in fruits and is therefore used in metabolomic profiling and food-derived compound identification studies. Lansiumamide C is also applied in biochemical research systems as a potential dietary exposure marker for cinnamic acid derivative intake and natural product chemical characterization.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7686 mL	18.843 mL	37.6861 mL
5 mM	0.7537 mL	3.7686 mL	7.5372 mL
10 mM	0.3769 mL	1.8843 mL	3.7686 mL
50 mM	0.0754 mL	0.3769 mL	0.7537 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

Huang L, Li D, Xu YS, Feng ZL, Meng FC, Zhang QW, et al. Clausoxamine, an alkaloid possessing a 1,3-oxazine-4-one ring from the seeds of Clausena lansium and the anti-obesity effect of lansiumamide B. RSC Advances. 2017;7(74):46900-5. doi:10.1039/C7RA09793J

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