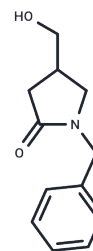


WEB-1868

Chemical Properties

CAS No. : 96449-69-3
 Formula: C₁₂H₁₅NO₂
 Molecular Weight: 205.25
 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	WEB-1868 is one of the metabolites of nebracetam which is an agonist for human M1-muscarinic receptors.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 11 mg/mL (53.59 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	4.8721 mL	24.3605 mL	48.7211 mL
5 mM	0.9744 mL	4.8721 mL	9.7442 mL
10 mM	0.4872 mL	2.4361 mL	4.8721 mL
50 mM	0.0974 mL	0.4872 mL	0.9744 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

Amato ME, et al. Molecular modeling of beta-cyclodextrin complexes with nootropic drugs. J Pharm Sci. 1992 Dec; 81(12):1157-61.

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