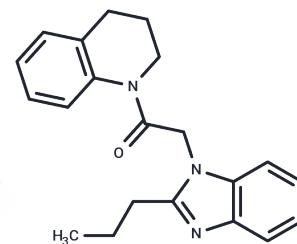


WAY-608339

Chemical Properties

CAS No. : 749212-56-4
 Formula: C₂₁H₂₃N₃O
 Molecular Weight: 333.43
 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	GFP16 is a compound with potential prion antiviral activity, used in prion research.
Targets(IC50)	Antiviral

Solubility Information

Solubility	DMSO: 80 mg/mL (239.93 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	2.9991 mL	14.9957 mL	29.9913 mL
5 mM	0.5998 mL	2.9991 mL	5.9983 mL
10 mM	0.2999 mL	1.4996 mL	2.9991 mL
50 mM	0.060 mL	0.2999 mL	0.5998 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

Hosokawa-Muto J, et al. Variety of antiprion compounds discovered through an in silico screen based on cellular-form prion protein structure: Correlation between antiprion activity and binding affinity. Antimicrob Agents Chemother. 2009 Feb;53(2):765-71.

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