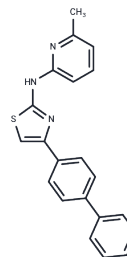


IND24

Chemical Properties

CAS No. : 1426047-44-0
 Formula: C₂₁H₁₇N₃S
 Molecular Weight: 343.44
 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	IND24 has anti-prion activity and can be used to study neurodegenerative diseases.
Targets(IC50)	Others,Antiviral

Solubility Information

Solubility	DMSO: 60 mg/mL (174.7 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	2.9117 mL	14.5586 mL	29.1172 mL
5 mM	0.5823 mL	2.9117 mL	5.8234 mL
10 mM	0.2912 mL	1.4559 mL	2.9117 mL
50 mM	0.0582 mL	0.2912 mL	0.5823 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

- Berry DB, et al. Drug resistance confounding prion therapeutics. Proc Natl Acad Sci U S A. 2013 Oct 29;110(44):E4160-9.
- Berry D, et al. Use of a 2-aminothiazole to Treat Chronic Wasting Disease in Transgenic Mice. J Infect Dis. 2015 Jul 15;212 Suppl 1(Suppl 1):S17-25.
- Giles K, et al. Different 2-Aminothiazole Therapeutics Produce Distinct Patterns of Scrapie Prion Neuropathology in Mouse Brains. J Pharmacol Exp Ther. 2015 Oct;355(1):2-12.
- Silber BM, et al. Pharmacokinetics and metabolism of 2-aminothiazoles with antiprion activity in mice. Pharm Res. 2013 Apr;30(4):932-50.

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