

AMPD2 inhibitor 1

Chemical Properties

CAS No. : 2139356-35-5

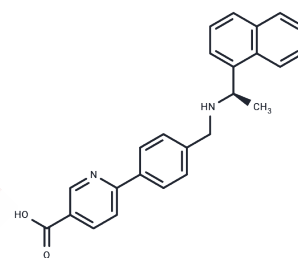
Formula: C₂₅H₂₂N₂O₂

Molecular Weight: 382.45

Store at low temperature

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	AMPD2 inhibitor 1 is an adenosine monophosphate deaminase 2 (AMPD2) inhibitor, useful for studying anorexia in the nervous system.
Targets(IC ₅₀)	Adenosine Deaminase

Solubility Information

Solubility	DMSO: 30 mg/mL (78.44 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	2.6147 mL	13.0736 mL	26.1472 mL
5 mM	0.5229 mL	2.6147 mL	5.2294 mL
10 mM	0.2615 mL	1.3074 mL	2.6147 mL
50 mM	0.0523 mL	0.2615 mL	0.5229 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

Richard J, et al. Targeting amp deaminase 2 for ameliorating craving for sugar and other substances. WO2017180743A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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