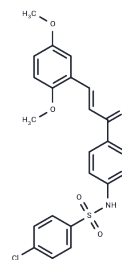


AMPK activator 16

Chemical Properties

CAS No. :	2252336-04-0
Formula:	C ₂₃ H ₂₀ ClNO ₅ S
Molecular Weight:	457.927
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	AMPK activator16 (compound 6) functions as an AMP-activated protein kinase (AMPK) inhibitor. It interacts effectively with crucial AMPK residues, significantly activating the enzyme. In N2a cells, AMPK activator16 enhances the expression of phosphorylated AMPK (p-AMPK) and its downstream signaling proteins, such as phosphorylated ACC (Acetyl-CoA Carboxylase) and phosphorylated raptor (p-raptor).
Targets(IC50)	Acetyl-CoA Carboxylase,AMPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1837 mL	10.9187 mL	21.8374 mL
5 mM	0.4367 mL	2.1837 mL	4.3675 mL
10 mM	0.2184 mL	1.0919 mL	2.1837 mL
50 mM	0.0437 mL	0.2184 mL	0.4367 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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