

WAY-658675

Chemical Properties

CAS No. : 545382-94-3

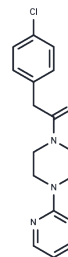
Formula: C₁₆H₁₇ClN₄O

Molecular Weight: 316.79

Keep away from direct sunlight

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	WAY-658675 is a high-purity biochemical reagent suitable for biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (252.53 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	3.1567 mL	15.7833 mL	31.5667 mL
5 mM	0.6313 mL	3.1567 mL	6.3133 mL
10 mM	0.3157 mL	1.5783 mL	3.1567 mL
50 mM	0.0631 mL	0.3157 mL	0.6313 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

Emam SH, et al. Design and synthesis of methoxyphenyl- and coumarin-based chalcone derivatives as anti-inflammatory agents by inhibition of NO production and down-regulation of NF-κB in LPS-induced RAW264.7 macrophage cells. Bioorg Chem. 2021 Feb;107:104630.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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