

NVP-QAV-572

Chemical Properties

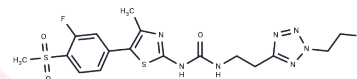
CAS No. : 957209-68-6

Formula: C₁₇H₁₉F₂N₇O₃S₂

Molecular Weight: 471.5

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	NVP-QAV-572 is a inhibitor of PI3K(IC ₅₀ of 10 nM).
Targets(IC ₅₀)	PI3K
In vitro	NVP-QAV-572 is useful in the treatment of conditions which are mediated by the activation of the Pi3 kinase enzymes, used in inflammatory or allergic conditions[1].

Solubility Information

Solubility	DMSO: 125 mg/mL (265.11 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	2.1209 mL	10.6045 mL	21.2089 mL
5 mM	0.4242 mL	2.1209 mL	4.2418 mL
10 mM	0.2121 mL	1.0604 mL	2.1209 mL
50 mM	0.0424 mL	0.2121 mL	0.4242 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

Emma Budd, et al. 5-phenyl-thiazol-2-yl-urea derivatives and use as PI3 kinase inhibitors. US 7998990 B2.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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