

PF-06679142

Chemical Properties

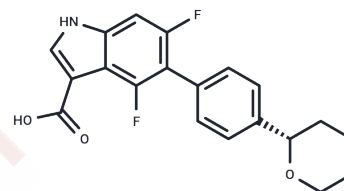
CAS No. : 1467059-66-0

Formula: C₂₀H₁₇F₂N₃O

Molecular Weight: 357.35

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	PF-06679142 is an effective AMPK activator. PF-06679142 exhibited robust activation of AMPK in rat kidneys as well as desirable oral absorption.
Targets(IC50)	Others,AMPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7984 mL	13.9919 mL	27.9838 mL
5 mM	0.5597 mL	2.7984 mL	5.5968 mL
10 mM	0.2798 mL	1.3992 mL	2.7984 mL
50 mM	0.056 mL	0.2798 mL	0.5597 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

Edmonds DJ, Kung DW, Kalgutkar AS, et al. Optimization of Metabolic and Renal Clearance in a Series of Indole Acid Direct Activators of 5'-Adenosine Monophosphate-Activated Protein Kinase (AMPK). J Med Chem. 2018 Feb 28. doi: 10.1021/acs.jmedchem.7b01641. [Epub ahead of print] PubMed PMID: 29466005.

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