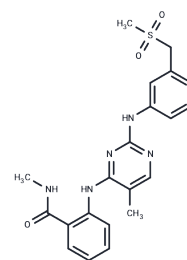


GSK-1520489A

Chemical Properties

CAS No. : 1042433-41-9
 Formula: C₂₁H₂₃N₅O₃S
 Molecular Weight: 425.5
 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	GSK-1520489A is an active PKMYT1 inhibitor.
Targets(IC50)	Others,Wee1

Solubility Information

Solubility	DMSO: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3502 mL	11.7509 mL	23.5018 mL
5 mM	0.470 mL	2.3502 mL	4.7004 mL
10 mM	0.235 mL	1.1751 mL	2.3502 mL
50 mM	0.047 mL	0.235 mL	0.470 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

Charlott Platzer, et al. Identification of PKMYT1 inhibitors by screening the GSK published protein kinase inhibitor set I and II. Bioorg Med Chem. 2018 Aug 7;26(14):4014-4024.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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