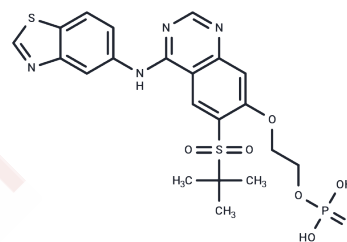


GSK2983559 free acid

Chemical Properties

CAS No. : 1579965-12-0
 Formula: C₂₁H₂₃N₄O₇P₂
 Molecular Weight: 538.53
 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	GSK2983559 free acid is an effective and selective inhibitor of receptor-interacting protein 2 (RIP2). GSK2983559 free acid shows excellent activity in blocking many proinflammatory cytokine responses in human inflammatory bowel disease explant samples an
Targets(IC50)	RIP kinase

Solubility Information

Solubility	DMSO: 4.5 mg/mL (8.36 mM), Sonication and heating to 80°C are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8569 mL	9.2845 mL	18.5691 mL
5 mM	0.3714 mL	1.8569 mL	3.7138 mL
10 mM	0.1857 mL	0.9285 mL	1.8569 mL
50 mM	0.0371 mL	0.1857 mL	0.3714 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

Haile PA, et al. Discovery of a First-in-Class Receptor Interacting Protein 2 (RIP2) Kinase Specific Clinical Candidate, 2-((4-(Benzo[d]thiazol-5-ylamino)-6-(tert-butylsulfonyl)quinazolin-7-yl)oxy)ethyl Dihydrogen Phosphate, for the Treatment of Inflammatory Diseases. J Med Chem. 2019 Jul 25;62(14):6482-6494.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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