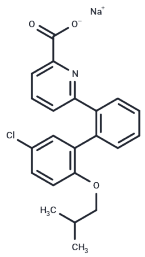
Data Sheet (Cat.No.T27474)

TargetMol

GSK-345931A

Chemical Properties



CAS No. : 869499-38-7

Formula: C22H19ClNNaO3

Molecular Weight: 403.83

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-345931A (compound 3) is a potent and orally active RIP2 (receptor interacting protein 2) inhibitor that suppresses production of multiple pro-inflammatory cytokines, suitable for studying autoimmune diseases.
Targets(IC50)	RIP kinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4763 mL	12.3814 mL	24.7629 mL
5 mM	0.4953 mL	2.4763 mL	4.9526 mL
10 mM	0.2476 mL	1.2381 mL	2.4763 mL
50 mM	0.0495 mL	0.2476 mL	0.4953 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;62(14):6482-6494.
Wu S, et al. Design, synthesis, and structure-activity relationship of novel RIPK2 inhibitors. Bioorg Med Chem Lett. 2022;75:128968.

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