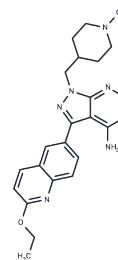


BKI-1369

Chemical Properties

CAS No. : 1951431-22-3
 Formula: C₂₃H₂₇N₇O
 Molecular Weight: 417.51
 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	BKI-1369, a bumped kinase inhibitor, enhances hERG-inhibitory activity with an IC ₅₀ of 1.52 μM.
Targets(IC ₅₀)	EGFR,Parasite
In vivo	BKI-1369 reduces the parasite burden and disease severity in the gnotobiotic pig model. BKI-1369 has been well characterized for potency, metabolism, stability, toxicity, pharmacokinetics, and is potent against <i>C. parvum</i> in infected mice and calves.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3952 mL	11.9758 mL	23.9515 mL
5 mM	0.479 mL	2.3952 mL	4.7903 mL
10 mM	0.2395 mL	1.1976 mL	2.3952 mL
50 mM	0.0479 mL	0.2395 mL	0.479 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

Lee S, et al. Therapeutic Efficacy of Bumped Kinase Inhibitor 1369 in a Pig Model of Acute Diarrhea Caused by

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481