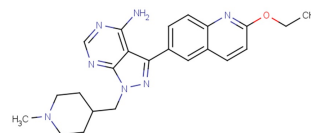


BKI-1369

Chemical Properties

CAS No.: 1951431-22-3
Formula: C₂₃H₂₇N₇O
Molecular Weight: 417.51
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	BKI-1369 is a bumped kinase inhibitor. BKI-1369 increases hERG-inhibitory activity (IC ₅₀ :1.52 μM).
Targets(IC ₅₀)	hERG: 1.52 μM
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.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.395 mL	11.976 mL	23.952 mL
5 mM	0.479 mL	2.395 mL	4.79 mL
10 mM	0.24 mL	1.198 mL	2.395 mL
50 mM	0.048 mL	0.24 mL	0.479 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

Inhibitors · Natural Compounds · Compound Libraries

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