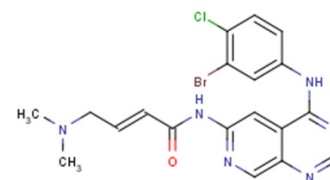


Kinase inhibitor-1

Chemical Properties

CAS No.:	2135696-72-7
Formula:	C ₁₉ H ₁₈ BrClN ₆ O
Molecular Weight:	461.74
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Kinase inhibitor-1 is a kinase inhibitor.
Targets(IC ₅₀)	Kinase: None
In vitro	Abnormal kinase activity has been related to a wide range of disorders, including cancers. Kinases represent a large family of enzymes that catalyse the phosphorylation of proteins, lipids and metabolites and play a central role in the regulation of a wide variety of cellular processes.

Solubility Information

Solubility	DMSO: 100 mg/mL (216.57 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.166 mL	10.829 mL	21.657 mL
5 mM	0.433 mL	2.166 mL	4.331 mL
10 mM	0.217 mL	1.083 mL	2.166 mL
50 mM	0.043 mL	0.217 mL	0.433 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. Jeffrey Bruce Smaill, et al. Kinase inhibitors, prodrug forms thereof and their use in therapy. US9101632B2.

Inhibitors · Natural Compounds · Compound Libraries

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