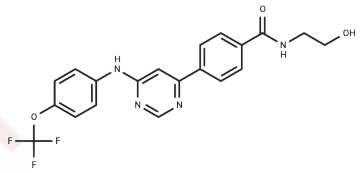
Data Sheet (Cat.No.T4191)

TargetMol

Multi-kinase inhibitor 1

Chemical Properties



CAS No. : 778274-97-8

Formula: C20H17F3N4O3

Molecular Weight: 418.37

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Multi-kinase inhibitor 1 (Multi-kinase inhibitor I) is a Multi-kinase inhibitor.
Targets(IC50)	Bcr-Abl,c-Kit,PDGFR

Solubility Information

Solubility	DMSO: 55 mg/mL (131.46 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3902 mL	11.9511 mL	23.9023 mL
5 mM	0.478 mL	2.3902 mL	4.7805 mL
10 mM	0.239 mL	1.1951 mL	2.3902 mL
50 mM	0.0478 mL	0.239 mL	0.478 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.

Reference

Chang Hsu Y, et al. Discovery of BPR1K871, a quinazoline based, multi-kinase inhibitor for the treatment of AML and solid tumors: Rational design, synthesis, in vitro and in vivo evaluation. Oncotarget. 2016 Nov 15

García-Vilas JA, et al. The noni anthraquinone damnacanthal is a multi-kinase inhibitor with potent anti-angiogenic effects. Cancer Lett. 2017 Jan 28;385:1-11

Li Y, et al. The molecular mechanisms of a novel multi-kinase inhibitor ZLJ33 in suppressing pancreatic cancer growth. Cancer Lett. 2015 Jan 28;356(2 Pt B):392-403

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