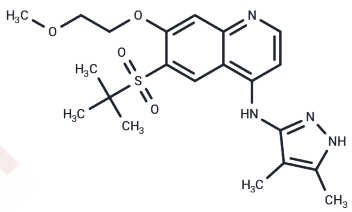
Data Sheet (Cat.No.T16753)

TargetMol

RIP2 kinase inhibitor 2

Chemical Properties



CAS No. : 1581270-11-2

Formula: C21H28N4O4S

Molecular Weight: 432.54

Appearance: no data available

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

Biological Description

Description	RIP2 kinase inhibitor 2 is a compound that inhibits receptor-interacting protein-2 kinase (RIP2).
Targets(IC50)	Others
In vitro	RIP2 kinase inhibitor 2 is a novel prodrug of a quinazoline amine that inhibits RIP2 kinase, which associates with NODI or NOD2 and functions primarily as a molecular scaffold to assemble other kinases involved in NF-κB and mitogen-activated protein kinase activation [1].

Solubility Information

Solubility	DMSO: 5 mg/mL (11.56 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3119 mL	11.5596 mL	23.1192 mL
5 mM	0.4624 mL	2.3119 mL	4.6238 mL
10 mM	0.2312 mL	1.156 mL	2.3119 mL
50 mM	0.0462 mL	0.2312 mL	0.4624 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

Linda N. Casillas, et al. Amino-quinolines as kinase inhibitors. PCT Int. Appl. (2014), WO 2014043437 A1 20140320.

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