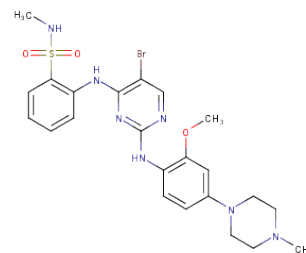


ALK inhibitor 1

Chemical Properties

CAS No. : 761436-81-1
Formula: C₂₃H₂₈BrN₇O₃S
Molecular Weight: 562.48
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	ALK inhibitor 1 is a selective ALK kinase inhibitor.
Targets(IC50)	FAK,IGF-1R,ALK
In vitro	ALK inhibitor 1 inhibits IGF-1R.

Solubility Information

Solubility	H ₂ O: 0.1 mg/mL (insoluble) DMSO: 90 mg/mL (160.01mM) (< 1 mg/mL refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7778 mL	8.8892 mL	17.7784 mL
5 mM	0.3556 mL	1.7778 mL	3.5557 mL
10 mM	0.1778 mL	0.8889 mL	1.7778 mL
50 mM	0.0356 mL	0.1778 mL	0.3556 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

A Dose Finding Study With Oral LDK378 in Patients With Tumors Characterized by Genetic Abnormalities in Anaplastic Lymphoma Kinase (ALK).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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