Data Sheet (Cat.No.T10285)



ALK inhibitor 1

Chemical Properties

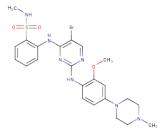
CAS No.: 761436-81-1

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 H2O: 0.1 mg/mL (insoluble)
br/>DMSO: 90 mg/mL (160.01mM)
br/>(< 1 mg/ml refers to the product slightly soluble or insoluble)

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).

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