

HG-14-10-04

Chemical Properties

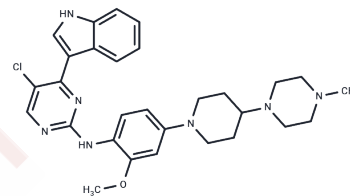
CAS No. : 1356962-34-9

Formula: C₂₉H₃₄ClN₇O

Molecular Weight: 532.08

Appearance: no data available

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



Biological Description

Description	HG-14-10-04 is a potent and specific ALK (anaplastic lymphoma kinase) inhibitor.
Targets(IC50)	ALK

Solubility Information

Solubility	DMSO: 5.32 mg/mL (10 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8794 mL	9.3971 mL	18.7942 mL
5 mM	0.3759 mL	1.8794 mL	3.7588 mL
10 mM	0.1879 mL	0.9397 mL	1.8794 mL
50 mM	0.0376 mL	0.1879 mL	0.3759 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

U.S. Pat. Appl. Publ. (2012), US 20120028924 A1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 36 Washington Street, Wellesley Hills, MA 02481