

TL13-110

Chemical Properties

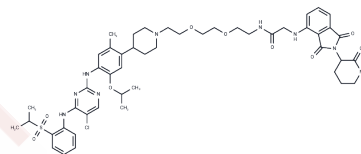
CAS No. : 2229037-09-4

Formula: C₄₉H₆₂ClN₉O₉S

Molecular Weight: 988.59

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

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Negative control for TL 13-112 . Displays no degradation of ALK in cell lines. Highly potent ALK inhibitor (IC ₅₀ = 0.34 nM).
Targets(IC ₅₀)	Others,ALK

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0115 mL	5.0577 mL	10.1154 mL
5 mM	0.2023 mL	1.0115 mL	2.0231 mL
10 mM	0.1012 mL	0.5058 mL	1.0115 mL
50 mM	0.0202 mL	0.1012 mL	0.2023 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Powell et al (2018) Chemically induced degradation of anaplastic lymphoma kinase. J.Med.Chem. 61 4249 PMID: 29660984

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481