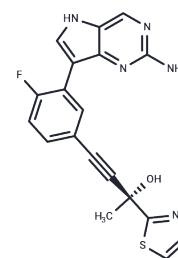


XT2

Chemical Properties

CAS No. : 2582816-37-1
 Formula: C₁₉H₁₄FN₅O₅
 Molecular Weight: 379.41
 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	XT2 is a highly potent, orally active, and selective inhibitor of NF-κB-inducing kinase (NIK), exhibiting an IC ₅₀ of 9.1 nM. It effectively suppresses the upregulation of ALT, a vital biomarker for acute liver injury, induced by CCl ₄ . Additionally, XT2 significantly decreases immune cell infiltration into the damaged liver tissue. As a result, XT2 holds immense potential in liver inflammatory disease research [1].
Targets(IC ₅₀)	Others,NF-κB

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6357 mL	13.1784 mL	26.3567 mL
5 mM	0.5271 mL	2.6357 mL	5.2713 mL
10 mM	0.2636 mL	1.3178 mL	2.6357 mL
50 mM	0.0527 mL	0.2636 mL	0.5271 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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