Data Sheet (Cat.No.T70124)

TargetMol

Tomivosertib HCl

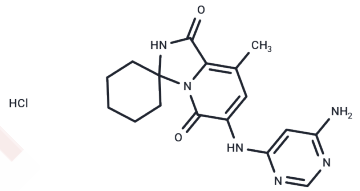
Chemical Properties

CAS No. : 1849590-02-8

Formula: C17H21ClN6O2

Molecular Weight: 376.845

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	Tomivosertib, also known as eFT508 is a MNK1/2 inhibitor. Tomivosertib binds to and inhibits the activity of MNK1 and 2. This prevents MNK1/2-mediated signaling, and inhibits the phosphorylation of certain regulatory proteins, including eukaryotic translation initiation factor 4E (eIF4E), that regulate the translation of messenger RNAs (mRNAs) involved in tumor cell proliferation, angiogenesis, survival and immune signaling.
Targets(IC50)	Others,MNK,PD-1/PD-L1

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6536 mL	13.2679 mL	26.5358 mL
5 mM	0.5307 mL	2.6536 mL	5.3072 mL
10 mM	0.2654 mL	1.3268 mL	2.6536 mL
50 mM	0.0531 mL	0.2654 mL	0.5307 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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