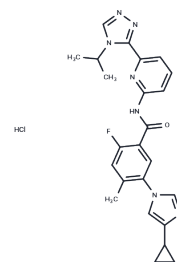


Selonsertib HCl

Chemical Properties

CAS No. :	1448428-05-4
Formula:	C ₂₄ H ₂₅ ClFN ₇ O
Molecular Weight:	481.96
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	Selonsertib, also known as GS-4997, is an orally bioavailable inhibitor of apoptosis signal-regulating kinase 1 (ASK1), with potential anti-inflammatory, antineoplastic and anti-fibrotic activities. GS-4997 targets and binds to the catalytic kinase domain of ASK1 in an ATP-competitive manner, thereby preventing its phosphorylation and activation. GS-4997 prevents the production of inflammatory cytokines, down-regulates the expression of genes involved in fibrosis, suppresses excessive apoptosis and inhibits cellular proliferation.
Targets(IC50)	Apoptosis,Others,MAPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0749 mL	10.3743 mL	20.7486 mL
5 mM	0.415 mL	2.0749 mL	4.1497 mL
10 mM	0.2075 mL	1.0374 mL	2.0749 mL
50 mM	0.0415 mL	0.2075 mL	0.415 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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