

KSL 128114

Chemical Properties

CAS No. : 2757292-12-7

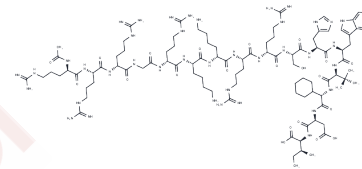
Formula: C₉₆H₁₆₅N₃₉O₂₁

Molecular Weight: 2201.59

Keep away from moisture

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	KSL 128114 is a syntenin peptide inhibitor that binds to the PDZ1 domain of syntenin with nanomolar affinity. It is resistant to degradation in human plasma and rat liver microsomes and exhibits selectivity for the PDZ domain of syntenin.
Targets(IC50)	Others
In vitro	KSL-128114 (~20 μM) inhibits the viability of primary GBM cells and significantly prolongs survival in patient-derived xenograft mouse models.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4542 mL	2.2711 mL	4.5422 mL
5 mM	0.0908 mL	0.4542 mL	0.9084 mL
10 mM	0.0454 mL	0.2271 mL	0.4542 mL
50 mM	0.0091 mL	0.0454 mL	0.0908 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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