

KSL-128114 TFA

Chemical Properties

CAS No. :

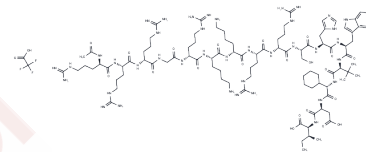
Formula: C96H165N39O21.XCF3COOH

Molecular Weight: 2201.60

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, a peptide inhibitor of the membrane regulator syntenin (Ki = 300 nM), notably diminishes the viability of A2058 melanoma and patient-derived glioblastoma multiforme (GBM) cells in a concentration-dependent manner. Furthermore, when administered at 50 µM, KSL-128114 elevates survival times in a patient-derived xenograft (PDX) mouse model of GBM, where mice were implanted intracranially with patient-derived GBM cells pre-cultured with KSL-128114.

Solubility Information

Solubility

DMSO: 1 mg/mL (0.45 mM), Sonication is recommended.
 PBS pH 7.2: 10 mg/mL (4.54 mM), Sonication is recommended.
 DMF: 1 mg/mL (0.45 mM), Sonication is recommended.
 (< 1 mg/ml refers to the product slightly soluble or insoluble)

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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