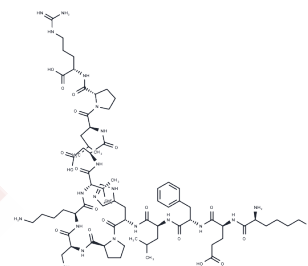


SOR-C13

Chemical Properties

CAS No. : 1187852-48-7
 Formula: C72H116N20O19
 Molecular Weight: 1565.81
 Storage: Keep away from moisture
 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	SOR-C13 is an inhibitor of transient receptor potential cation channel vanilloid family member 6 (TRPV6, CaT1 or CATL) with potential antineoplastic activity. TRPV6 calcium channel inhibitor SOR-C13 binds to TRPV6 and prevents the influx of calcium ions into TRPV6-expressing tumor cells. This inhibits the activation of nuclear factor of activated T-cell (NFAT) transcription complex which may result in an inhibition of calcium-dependent cancer cell proliferation and an induction of apoptosis in tumor cells overexpressing TRPV6.
Targets(IC50)	TRP/TRPV Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6386 mL	3.1932 mL	6.3865 mL
5 mM	0.1277 mL	0.6386 mL	1.2773 mL
10 mM	0.0639 mL	0.3193 mL	0.6386 mL
50 mM	0.0128 mL	0.0639 mL	0.1277 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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