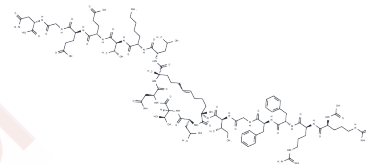


SAH-SOS1A

Chemical Properties

CAS No. : 1652561-87-9
 Formula: C100H159N27O28
 Molecular Weight: 2187.53
 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	KRas/son of sevenless 1 (SOS1) interaction inhibitor. Binds within nucleotide binding pocket of KRas (Kd values are 106 - 176 nM for wild type KRas and various KRas mutants). Inhibits nucleotide binding to KRas in a concentration dependent manner. Displays cytotoxicity in KRas-driven cancer cell lines and inhibits downstream ERK-MAPK signaling. Cell permeable.
Targets(IC50)	Ras,Kras

Solubility Information

Solubility	H2O: 1 mg/mL (0.46 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4571 mL	2.2857 mL	4.5714 mL
5 mM	0.0914 mL	0.4571 mL	0.9143 mL
10 mM	0.0457 mL	0.2286 mL	0.4571 mL
50 mM	0.0091 mL	0.0457 mL	0.0914 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.

Reference

Leshchiner et al (2015) Direct inhibition of oncogenic KRAS by hydrocarbon-stapled SOS1 helices. Proc.Natl.Acad. Sci.USA. 112 1761 PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481