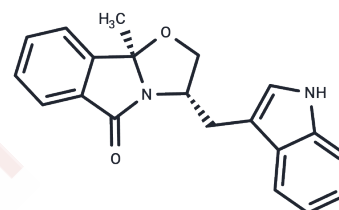


SLMP53-1

Chemical Properties

CAS No. :	1643469-17-3
Formula:	C ₂₀ H ₁₈ N ₂ O ₂
Molecular Weight:	318.37
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	SLMP53-1 is a p53 activator with anti-tumor activity, inhibits wt and mutp53, activates reprogramming of glucose metabolism in xenografted human tumor tissues, and interferes with angiogenesis and migration. SLMP53-1 inhibits tumor cell growth and can be used to study human rectal cancer.
Targets(IC50)	p53,MDM-2/p53

Solubility Information

Solubility	DMSO: 80 mg/mL (251.28 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.141 mL	15.705 mL	31.410 mL
5 mM	0.6282 mL	3.141 mL	6.282 mL
10 mM	0.3141 mL	1.5705 mL	3.141 mL
50 mM	0.0628 mL	0.3141 mL	0.6282 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

- Ramos H, et al. SLMP53-1 Inhibits Tumor Cell Growth through Regulation of Glucose Metabolism and Angiogenesis in a P53-Dependent Manner. *Int J Mol Sci.* 2020 Jan 17;21(2):596.
- Gomes S, et al. SLMP53-2 Restores Wild-Type-Like Function to Mutant p53 through Hsp70: Promising Activity in Hepatocellular Carcinoma. *Cancers (Basel).* 2019 Aug 10;11(8):1151.

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