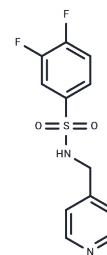


Schnurri-3 inhibitor-1

Chemical Properties

CAS No. :	736154-60-2
Formula:	C ₁₂ H ₁₀ F ₂ N ₂ O ₂ S
Molecular Weight:	284.28
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	Schnurri-3 inhibitor-1, a potent inhibitor of schnurri-3, is an essential regulator of bone formation in adults that can be used in osteoporosis research. Schnurri-3 inhibitor-1 can inhibit Shn3 with EF1alpha promoter in osteoblast cell line Shn3FFL (AC ₅₀ = 2.09 μM) [1].
Targets(IC ₅₀)	Others
In vitro	Schnurri-3 inhibitor-1 (0.195-26 μM; 48 h) exhibits moderate activity in HepG2 mammalian cells (AC ₅₀ = 54.73 μM). Schnurri-3 inhibitor-1 (0-50 μM; 24 h) can inhibit Shn3 with EF1alpha promoter in SV40 large T antigen-transformed osteoblast cell line (Clone20-Shn3FFL, AC ₅₀ = 2.09 μM)[1].

Solubility Information

Solubility	DMSO: 50 mg/mL (175.88 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5177 mL	17.5883 mL	35.1766 mL
5 mM	0.7035 mL	3.5177 mL	7.0353 mL
10 mM	0.3518 mL	1.7588 mL	3.5177 mL
50 mM	0.0704 mL	0.3518 mL	0.7035 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

National Center for Biotechnology Information. PubChem Compound Summary for CID 2473445.

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