

SBI-797812

Chemical Properties

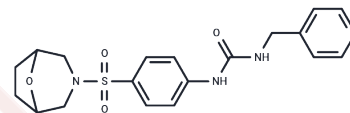
CAS No. : 2237268-08-3

Formula: C₁₉H₂₂N₄O₄S

Molecular Weight: 402.47

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	SBI-797812 is structurally similar to active-site directed inhibitor of NAMPT(NAMPT with EC ₅₀ of 0.37 μ M).
Targets(IC ₅₀)	NAMPT

Solubility Information

Solubility	DMSO: 250 mg/mL (621.16 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	2.4847 mL	12.4233 mL	24.8466 mL
5 mM	0.4969 mL	2.4847 mL	4.9693 mL
10 mM	0.2485 mL	1.2423 mL	2.4847 mL
50 mM	0.0497 mL	0.2485 mL	0.4969 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.

Reference

Gardell SJ , et al. Boosting NAD⁺ with a small molecule that activates NAMPT. Nat Commun. 2019 Jul 19;10(1):3241.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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