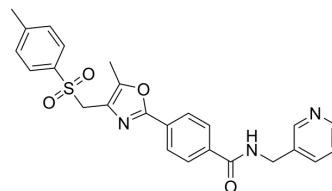


## STF-118804

Cat. No.:	HY-12808		
CAS No.:	894187-61-2		
Molecular Formula:	C <sub>25</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub> S		
Molecular Weight:	461.53		
Target:	NAMPT; Apoptosis		
Pathway:	Metabolic Enzyme/Protease; Apoptosis		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 25 mg/mL (54.17 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.1667 mL	10.8335 mL	21.6671 mL
	5 mM	0.4333 mL	2.1667 mL	4.3334 mL
	10 mM	0.2167 mL	1.0834 mL	2.1667 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

STF-118804 is a highly specific NAMPT inhibitor; reduces the viability of most B-ALL cell lines with IC<sub>50</sub> <10 nM.

### CUSTOMER VALIDATION

- Patent. US20180263995A1.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. Matheny CJ, et al. Next-generation NAMPT inhibitors identified by sequential high-throughput phenotypic chemical and functional genomic screens. Chem Biol. 2013

**Caution: Product has not been fully validated for medical applications. For research use only.**

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