CD BioGlyco

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA

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Product Information

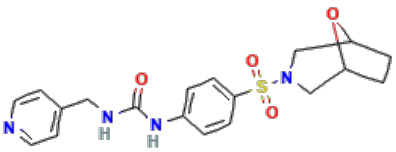
NAMPT inhibitor, SBI-797812, Purity ≥98%

Cat. No.: X24-09-YM469

Size: 5 mg; 10 mg; 20 mg; 50 mg

CAS Number: 2237268-08-3

Compound CID: 135222620



Synonym: 2237268-08-3; SBI 797812; SBI797812;

1-(4-((8-Oxa-3-azabicyclo[3.2.1]octan-3-yl)sulfonyl)phenyl)-3-(pyridin-4-ylmethyl)urea;

1-(4-(8-Oxa-3-azabicyclo[3.2.1]octan-3-ylsulfonyl)phenyl)-3-(pyridin-4-ylmethyl)urea;

1-[4-(8-oxa-3-azabicyclo[3.2.1]octan-3-ylsulfonyl)phenyl]-3-(pyridin-4-ylmethyl)urea;

1-[4-(8-Oxa-3-azabicyclo[3.2.1]octan-3-ylsulfonyl)phenyl]-3-(pyridin-4-ylmethyl)urea;

NAMPT inhibitor

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	SBI-797812, soluble in DMSO and ethanol and insoluble in water, is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting NAMPT. The molecular weight of the compound is 402.47, and its molecular formula is $C_{19}H_{22}N_4O_4S$.
Molecular Weight	402.47
Molecular Formula	$C_{19}H_{22}N_4O_4S$
IUPAC Name	1-[4-(8-Oxa-3-azabicyclo[3.2.1]octan-3-ylsulfonyl)phenyl]-3-(pyridin-4-ylmethyl)urea
InChI	InChI=1S/C19H22N4O4S/c24-19(21-11-14-7-9-20-10-8-14)22-15-1-5-18(6-2-15)28(25,26)23-12-16-3-4-17(13-23)27-16/h1-2,5-10,16-17H,3-4,11-13H2,(H2,21,22,24)
InChI Key	KTSOHNHLOLGQCY-UHFFFAOYSA-N
Canonical SMILES	C1CC2CN(CC1O2)S(=O)(=O)C3=CC=C(C=C3)NC(=O)NCC4=CC=NC=C4
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Solubility	*In vitro*: DMSO: 74 mg/mL (183.86 mM); Water: insoluble; Ethanol: 2 mg/mL (4.97 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade

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Applications	SBI-797812 can be used for its role in inflammatory processes and in various diseases, including cancer.
Storage	Store at -20ºC, and keep desiccated.