



Product Information

NAMPT inhibitor, GNE-617, Purity ≥98%

Cat. No.: X24-09-YM467

Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 1362154-70-8

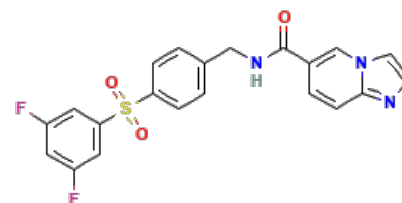
Compound CID: 68277611

Synonym: 1362154-70-8; GNE 617; GNE617; N

-{4-[(3,5-Difluorophenyl)sulfonyl]benzyl}imidazo[1,2-A]pyridine-6-carboxamide; N

-[[4-(3,5-Difluorophenyl)sulfonylphenyl]methyl]imidazo[1,2-a]pyridine-6-carboxamide;

NAMPT inhibitor



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

Product Information

Description	GNE-617, soluble in DMSO and insoluble in water and ethanol, 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 427.42, and its molecular formula is C ₂₁ H ₁₅ F ₂ N ₃ O ₃ S.
Molecular Weight	427.42
Molecular Formula	C ₂₁ H ₁₅ F ₂ N ₃ O ₃ S
IUPAC Name	N-[[4-(3,5-Difluorophenyl)sulfonylphenyl]methyl]imidazo[1,2-a]pyridine-6-carboxamide
InChI	InChI=1S/C21H15F2N3O3S/c22-16-9-17(23)11-19(10-16)30(28,29)18-4-1-14(2-5-18)12-25-21(27)15-3-6-20-24-7-8-26(20)13-15/h1-11,13H,12H2,(H,25,27)
InChI Key	XRDVXQQZLHVEQZ-UHFFFAOYSA-N
Canonical SMILES	C1=CC(=CC=C1CNC(=O)C2=CN3C=CN=C3C=C2)S(=O)(=O)C4=CC(=CC(=C4)F)F
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Solubility	<i>In vitro</i> : DMSO: 37 mg/mL (86.56 mM); Water: insoluble; Ethanol: insoluble
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	GNE-617 can be studied extensively for its potential therapeutic applications in the treatment of inflammatory signaling pathways.



Storage

Store at -20°C, and keep desiccated.
