

Product Information

Stat inhibitor AS-1517499, Purity ≥98%

Cat. No.: X23-10-ZQ1015

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

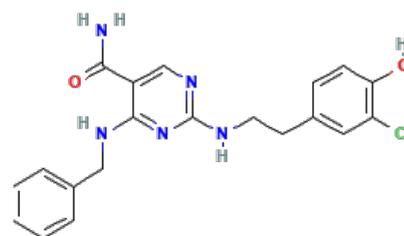
CAS Number: 919486-40-1

Compound CID: 10340781

Synonym: 919486-40-1; AS-1517499; AS1517499;

4-(Benzylamino)-2-((3-chloro-4-hydroxyphenethyl)amino)pyrimidine-5-carboxamide; 4-(Benzylamino)-2-[2-(3-chloro-4-hydroxyphenyl)ethylamino]pyrimidine-5-carboxamide;

Stat inhibitor



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

Product Information

Description	AS-1517499, soluble in DMSO and ethanol and insoluble in water, is an inhibitor of STAT activation and signaling activity. It targets STAT6.
Molecular Weight	397.86
Molecular Formula	C ₂₀ H ₂₀ ClN ₅ O ₂
Targets	STAT6: 21 nM
IUPAC Name	4-(Benzylamino)-2-[2-(3-chloro-4-hydroxyphenyl)ethylamino]pyrimidine-5-carboxamide
InChI	InChI=1S/C20H20ClN5O2/c21-16-10-13(6-7-17(16)27)8-9-23-20-25-12-15(18(22)28)19(26-20)24-11-4-2-1-3-5-14/h1-7,10,12,27H,8-9,11H2,(H2,22,28)(H2,23,24,25,26)
InChI Key	OZRMEKAUZBKTTTC-UHFFFAOYSA-N
Canonical SMILES	C1=CC=C(C=C1)CNC2=NC(=NC=C2C(=O)N)NCCC3=CC(=C(C=C3)O)Cl
Form	Lyophilized powder
Purity	≥98%
Solubility	DMSO: 70 mg/mL (175.94 mM); Water: Insoluble; Ethanol: 32 mg/mL (80.43 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	AS-1517499 acts as a STAT6 inhibitor, useful in allergic inflammation and asthma research.
Storage	Store at -20°C.

