



Product Information

CDK inhibitor AZD5597, Purity ≥98%

Cat. No.: X24-05-ZQ750

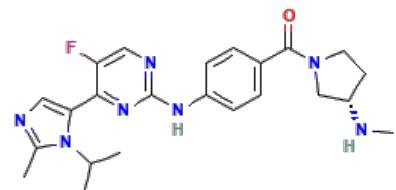
Size: 5 mg; 10 mg; 25 mg

CAS Number: 924641-59-8

Compound CID: 16113484

Synonym: 924641-59-8; AZD 5597; AZD5597; CDK inhibitor

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



Product Information

Description	AZD5597 is an CDK kinase inhibitor that disrupts cell division processes.
Molecular Weight	437.51312
Molecular Formula	C ₂₃ H ₂₈ FN ₇ O
IUPAC Name	[4-[[5-Fluoro-4-(2-methyl-3-propan-2-ylimidazol-4-yl)pyrimidin-2-yl]amino]phenyl]-[(3S)-3-(methylamino)pyrrolidin-1-yl]methanone
InChI	InChI=1S/C23H28FN7O/c1-14(2)31-15(3)26-12-20(31)21-19(24)11-27-23(29-21)28-17-7-5-16(6-8-17)22(32)30-10-9-18(13-30)25-4/h5-8,11-12,14,18,25H,9-10,13H2,1-4H3,(H,27,28,29)/t18-/m0/s1
InChI Key	NTSDIJMNXYJJNG-SFHVURJKSA-N
Canonical SMILES	CC1=NC=C(N1C(C)C)C2=NC(=NC=C2F)NC3=CC=C(C=C3)C(=O)N4CCC(C4)NC
Isomeric SMILES	CC1=NC=C(N1C(C)C)C2=NC(=NC=C2F)NC3=CC=C(C=C3)C(=O)N4CC[C@H](C4)NC
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	AZD5597 can be used to study the inhibition of CDKs in cancer and evaluate potential therapeutic applications.
Storage	Store at -20°C.