



Product Information

CDK inhibitor Atuveciclib, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ781

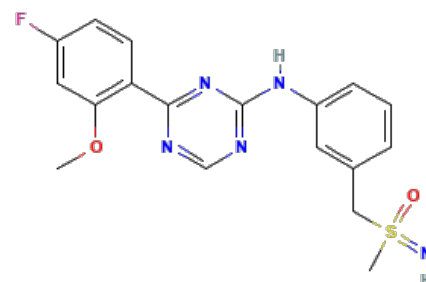
Size: 2 mg; 5 mg; 10 mg; 50 mg

CAS Number: 1414943-88-6

Compound CID: 71618220

Synonym: 1414943-88-6; BAY 1143572; BAY-1143572; BAY-1143572; CDK inhibitor

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



Product Information

Description	Atuveciclib, soluble in DMSO and insoluble in ethanol and water, is an CDK kinase inhibitor that disrupts cell division processes.
Molecular Weight	387.43
Molecular Formula	C ₁₈ H ₁₈ FN ₅ O ₂ S
IUPAC Name	4-(4-Fluoro-2-methoxyphenyl)-N-[3-[(methylsulfonimidoyl)methyl]phenyl]-1,3,5-triazin-2-amine
InChI	InChI=1S/C18H18FN5O2S/c1-26-16-9-13(19)6-7-15(16)17-21-11-22-18(24-17)23-14-5-3-4-12(8-14)10-27(2,20)25/h3-9,11,20H,10H2,1-2H3,(H,21,22,23,24)
InChI Key	ACWKGTGIJRCOOM-UHFFFAOYSA-N
Canonical SMILES	<chem>COC1=CC(=CC(=C1)F)C2=NC(=NC=N2)NC3=CC=CC(=C3)CS(=N)(=O)C</chem>
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 69 mg/mL (178.09 mM); Water: Insoluble; Ethanol: Insoluble
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Atuveciclib (BAY 1143572) can be used in research targeting CDK9 for its role in transcription regulation and cancer treatment.
Storage	Store at -20°C.