

Product Information

PI3K inhibitor UCB9608, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ169

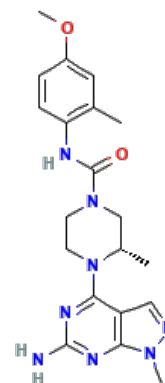
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1616413-96-7

Compound CID: 76282073

Synonym: 1616413-96-7; UCB-9608; UCB 9608; PI3K inhibitor

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



Product Information

Description	UCB9608, soluble in DMSO and insoluble in ethanol and water, is a potent compound that inhibits PI3 kinase activity.
Molecular Weight	410.47
Molecular Formula	C ₂₀ H ₂₆ N ₈ O ₂
IUPAC Name	(3S)-4-(6-amino-1-methylpyrazolo[3,4-d]pyrimidin-4-yl)-N-(4-methoxy-2-methylphenyl)-3-methylpiperazine-1-carboxamide
InChI	InChI=1S/C20H26N8O2/c1-12-9-14(30-4)5-6-16(12)23-20(29)27-7-8-28(13(2)11-27)18-15-10-22-26(3)17(15)24-19(21)25-18/h5-6,9-10,13H,7-8,11H2,1-4H3,(H,23,29)(H2,21,24,25)/t13-/m0/s1
InChI Key	WRONAJQPZWDYAR-ZDUSSCGKSA-N
Canonical SMILES	CC1CN(CCN1C2=NC(=NC3=C2C=NN3C)N)C(=O)NC4=C(C=C(C=C4)OC)C
Isomeric SMILES	C[C@H]1CN(CCN1C2=NC(=NC3=C2C=NN3C)N)C(=O)NC4=C(C=C(C=C4)OC)C
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 74 mg/mL (180.28 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	UCB9608 can be employed to explore the inhibition of PI3K and its downstream effects on cellular signaling and disease progression.



Storage

Store at -20°C.
