

Product Information

PI4KIII beta inhibitor 3, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ138

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

CAS Number: 1245319-54-3

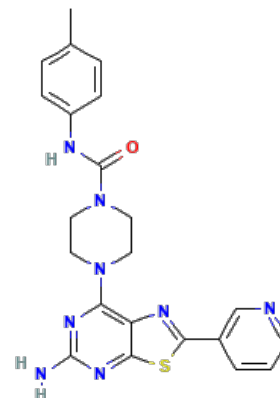
Compound CID: 46916382

Synonym: 1245319-54-3; PI4KIII beta inhibitor 3;

4-(5-Amino-2-(pyridin-3-yl)thia

zolo[5,4-d]pyrimidin-7-yl)-N-(p-tolyl)piperazine-1-carboxamide; PI4KIIIbeta Inhibitor 3;

CHEMBL4206816; PI3K inhibitor



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

Product Information

Description	PI4KIII beta inhibitor 3 is a potent compound that inhibits PI3 kinase activity. It targets PI4KIII β .
Molecular Weight	446.53
Molecular Formula	C ₂₂ H ₂₂ N ₈ OS
Targets	PI4KIII β : 5.7 nM
IUPAC Name	4-(5-Amino-2-pyridin-3-yl-[1,3]thiazolo[5,4-d]pyrimidin-7-yl)-N-(4-methylphenyl)piperazine-1-carboxamide
InChI	InChI=1S/C22H22N8OS/c1-14-4-6-16(7-5-14)25-22(31)30-11-9-29(10-12-30)18-17-20(28-21(23)27-18)32-19(26-17)15-3-2-8-24-13-15/h2-8,13H,9-12H2,1H3,(H,25,31)(H2,23,27,28)
InChI Key	UWTRKIJAGTTXNM-UHFFFAOYSA-N
Canonical SMILES	CC1=CC=C(C=C1)NC(=O)N2CCN(CC2)C3=C4C(=NC(=N3)N)SC(=N4)C5=CN=CC=C5
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	PI4KIII beta inhibitor 3 is utilized to investigate the role of PI4KIII β in cellular processes.
Storage	Store at -20°C.