

Product Information

PI3K-gamma inhibitor 1, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ135

Size: 5 mg; 10 mg; 50 mg

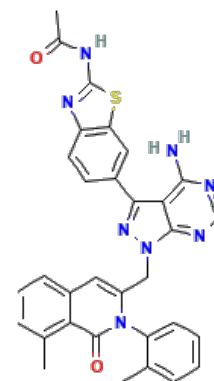
CAS Number: 1172118-03-4

Compound CID: 44123663

Synonym: 1172118-03-4; PI3K gamma inhibitor 1; ChEMBL2216897; INK-055

(PI3Kgamma inhibitor 1); *N*-(6-(4-Amino-1-((8-methyl-1-oxo-2-(o-tolyl)-1,2-dihydroisoquinolin-3-yl)-methyl)-1*H*

-pyrazolo[3,4-*d*]pyrimidin-3-yl)benzo[*d*]thiazol-2-yl)acetamide; PI3K inhibitor



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

Product Information

Description	PI3K-gamma inhibitor 1 is a potent compound that inhibits PI3 kinase activity. It targets PI3K α , PI3K β , PI3K δ , and PI3K γ .
Molecular Weight	586.67
Molecular Formula	C ₃₂ H ₂₆ N ₈ O ₂ S
Targets	PI3K α : 10 μ M; PI3K β : 10 μ M; PI3K δ : 100 μ M; PI3K γ : 100 μ M
IUPAC Name	<i>N</i> -[6-[4-amino-1-[[8-methyl-2-(2-methylphenyl)-1-oxoisoquinolin-3-yl]methyl]pyrazolo[3,4- <i>d</i>]pyrimidin-3-yl]-1,3-benzothiazol-2-yl]acetamide
InChI	InChI=1S/C32H26N8O2S/c1-17-7-4-5-10-24(17)40-22(13-20-9-6-8-18(2)26(20)31(40)42)15-39-30-27(29(33)34-16-35-30)28(38-39)21-11-12-23-25(14-21)43-32(37-23)36-19(3)41/h4-14,16H,15H2,1-3H3,(H2,33,34,35)(H,36,37,41)
InChI Key	UHZBJRBPXOONG-UHFFFAOYSA-N
Canonical SMILES	CC1=C2C(=CC=C1)C=C(N(C2=O)C3=CC=CC=C3C)CN4C5=NC=NC(=C5C(=N4)C6=CC7=C(C=C6)N=C(S7)NC(=O)C)N
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	PI3K-gamma inhibitor 1 targets PI3K γ to explore signaling in immune cells and cancer.



Storage

Store at -20°C.
