

Product Information

PI3k-delta inhibitor 1, Purity ≥98%

Cat. No.: X24-05-ZQ134

Size: 5 mg; 10 mg; 25 mg

CAS Number: 1332075-63-4

Compound CID: 53378051

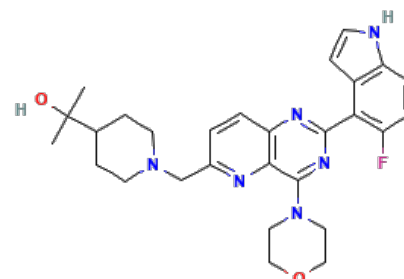
Synonym: 1332075-63-4; PI3k(delta) inhibitor 1;

2-(1-[[2-(5-Fluoro-1*H*

-indol-4-yl)-4-(Morpholin-4-yl)pyrido[3,2-*D*]pyrimidin-6-yl]methyl]piperidin-4-yl)propan-2-ol; CHEMBL2152768;

2-[1-[[2-(5-Fluoro-1*H*

-indol-4-yl)-4-morpholin-4-ylpyrido[3,2-*d*]pyrimidin-6-yl]methyl]piperidin-4-yl]propan-2-ol; PI3K inhibitor



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

Product Information

Description	PI3k-delta inhibitor 1 is a potent compound that inhibits PI3 kinase activity. It targets PI3Kδ.
Molecular Weight	504.6
Molecular Formula	C ₂₈ H ₃₃ FN ₆ O ₂
Targets	PI3Kδ: 3.8 nM
IUPAC Name	2-[1-[[2-(5-fluoro-1 <i>H</i> -indol-4-yl)-4-morpholin-4-yl]pyrido[3,2- <i>d</i>]pyrimidin-6-yl]methyl]piperidin-4-yl]propan-2-ol
InChI	InChI=1S/C28H33FN6O2/c1-28(2,36)18-8-11-34(12-9-18)17-19-3-5-23-25(31-19)27(35-13-15-37-16-14-35)33-26(32-23)24-20-7-10-30-22(20)6-4-21(24)29/h3-7,10,18,30,36H,8-9,11-17H2,1-2H3
InChI Key	ONEJEIKQLAZPNN-UHFFFAOYSA-N
Canonical SMILES	CC(C)(C1CCN(CC1)CC2=NC3=C(C=C2)N=C(N=C3N4CCOCC4)C5=C(C=CC6=C5C=CN6)F)O
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	PI3k-delta inhibitor 1 is used for researching the PI3Kδ pathway in immune responses and cancer.



Storage

Store at -20°C.
