CD BioGlyco

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA

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Product Information

PI4KIIIbeta-IN-10, Purity ≥98%

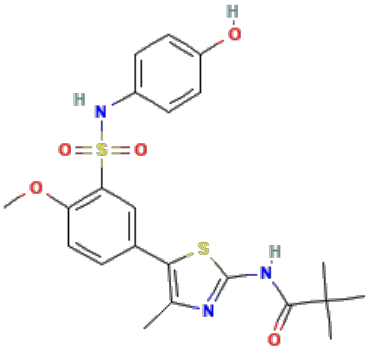
Cat. No.: X24-05-ZQ139

Size: 1 mg; 5 mg; 10 mg

CAS Number: 1881233-39-1

Compound CID: 71549093

Synonym: 1881233-39-1; PI4KIIIbeta-IN-10; R-(5-(3-(*N*-(4-hydroxyphenyl)sulfamoyl)-4-methoxyphenyl)-4-methylthiazol-2-yl)pivalamide; CHEMBL3786230; *N*-[5-[3-[(4-hydroxyphenyl)sulfamoyl]-4-methoxyphenyl]-4-methyl-1,3-thiazol-2-yl]-2,2-dimethylpropanamide; PI3K inhibitor



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

Product Information

Description	PI4KIIIbeta-IN-10 is a potent compound that inhibits PI3 kinase activity.
Molecular Weight	475.58
Molecular Formula	$C_{22}H_{25}N_3O_5S_2$
IUPAC Name	*N*-[5-[3-[(4-hydroxyphenyl)sulfamoyl]-4-methoxyphenyl]-4-methyl-1,3-thiazol-2-yl]-2,2-dimethylpropanamide
InChI	InChI=1S/C22H25N3O5S2/c1-13-19(31-21(23-13)24-20(27)22(2,3)4)14-6-11-17(30-5)18(12-14)32(28,29)25-15-7-9-16(26)10-8-15/h6-12,25-26H,1-5H3,(H,23,24,27)
InChI Key	PLUYFBRIGUAKBR-UHFFFAOYSA-N
Canonical SMILES	CC1=C(SC(=N1)NC(=O)C(C)(C)C)C2=CC(=C(C=C2)OC)S(=O)(=O)NC3=CC=C(C=C3)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	PI4KIIIbeta-IN-10 is used to study the inhibition of PI4KIIIβ in signaling pathways.

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Storage	Store at -20ºC.