Creative Enzymes®

PIK-93

Cat. No. CEI-0908

Lot. No. (See product label)

Introduction

Description	PIK-93 is the first potent, synthetic PI4K (PI4KIIIβ) inhibitor with IC50 of 19 nM; shown to inhibit PI3Kα with IC50 of 39 nM.

Product Information

CAS No.	593960-11-3
Molecular Formula	C14H16ClN3O4S2
Chemical Name	N-[5-[4-Chloro-3-[(2-hydroxyethyl)sulfamoyl]phenyl]-4-methylthiazol-2-yl]acetamide
Molecular Weight	389.88
Targets	PI3Kα, PI3Kβ, PI3Kδ, PI3Kγ, PI4KIIIβ
IC50	39 nM; 0.59 μM; 0.12 μM; 16 nM; 19 nM
Solubility	DMSO 78 mg/mL; Water <1 mg/mL; Ethanol <1 mg/mL

Storage and Shipping Information

Storage	2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.