Creative Enzymes®

CH5132799

Cat. No. CEI-0828

Lot. No. (See product label)

Introduction

Description	CH5132799 inhibits class I PI3Ks, particularly PI3Kα with IC50 of 14 nM; less potent to PI3Kβδγ, while sensitive in PIK3CA mutations cell lines. Phase 1.

Product Information

CAS No.	1007207-67-1
Molecular Formula	C15H19N7O3S
Chemical Name	5-(7-(methylsulfonyl)-2-morpholino-6,7-dihydro-5H-pyrrolo[2,3-d]pyrimidin-4-yl)pyrimidin-2-amine
Molecular Weight	377.42
Targets	PI3Kα, PI3Kβ, PI3Kδ, PI3Kγ
IC50	0.014 μM; 0.12 μM; 0.50 μM; 0.036 μM
Solubility	DMSO 12 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.