Creative Enzymes®

GDC-0068

Cat. No. CEI-0826

Lot. No. (See product label)

Introduction

Description	GDC-0068 is a highly selective pan-Akt inhibitor targeting Akt1/2/3 with IC50 of 5 nM/18 nM/8 nM, 620-fold selectivity over PKA. Phase 2.

Product Information

CAS No.	1001264-89-6
Molecular Formula	C24H32ClN5O2
Chemical Name	(S)-2-(4-chlorophenyl)-1-(4-((5R,7R)-7-hydroxy-5-methyl-6,7-dihydro-5H-cyclopenta[d]pyrimidin-4-yl)piperazin-1-yl)-3-(isopropylamino)propan-1-one
Molecular Weight	458
Targets	Akt1, Akt2, Akt3
IC50	5 nM; 18 nM; 8 nM
Solubility	DMSO 92 mg/mL; Water <1 mg/mL; Ethanol 92 mg/mL

Storage and Shipping Information

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