Creative Enzymes®

AZD5363

Cat. No. CEI-0843

Lot. No. (See product label)

Introduction

Description	AZD5363 potently inhibits all isoforms of Akt(Akt1/Akt2/3) with IC50 of 3 nM/8 nM/8 nM, similar to P70S6K/PKA and lower activity towards ROCK1/2. Phase 1/2.

Product Information

CAS No.	1143532-39-1
Molecular Formula	C21H25ClN6O2
Chemical Name	4-Piperidinecarboxamide, 4-amino-N-[(1S)-1-(4-chlorophenyl)-3-hydroxypropyl]-1-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)-
Molecular Weight	428.92
Targets	Akt1, Akt2, Akt3
IC50	3 nM; 8 nM; 8 nM
Solubility	DMSO 86 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.