

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.