

## 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

C<sub>21</sub>H<sub>25</sub>ClN<sub>6</sub>O<sub>2</sub>

#### 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.