Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

AZD1208

Catalog No: tcsc1668

Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg

Size: 200mg

Specifications

CAS No:
1204144-28-4

Formula:
$C_{21}H_{21}N_3O_2S$

Pathway:
JAK/STAT Signaling

Target:
Pim

Purity / Grade:
>98%

Solubility:
DMSO : 28.5 mg/mL (75.10 mM; Need ultrasonic and warming)

Observed Molecular Weight:
379.48

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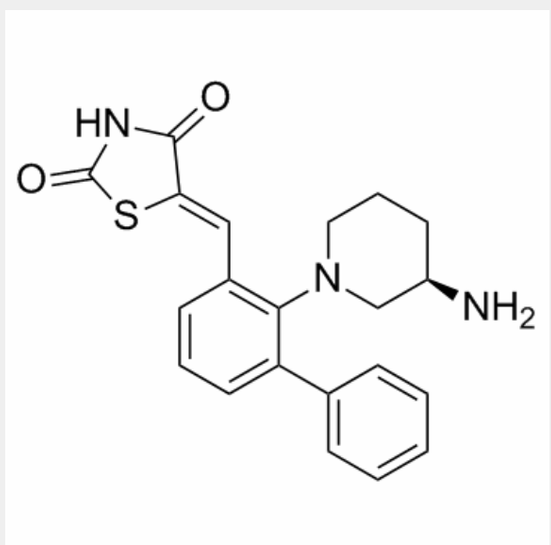
Product Description

AZD1208 is a novel, orally bioavailable, highly selective **PIM** kinases inhibitor.

In Vitro: AZD1208 shows good antiproliferative activity in a megakaryoblastic leukemia cell line, MOLM-16, with GI_{50} values less than 100 nM[1]. AZD1208 (10 μM) inhibits the growth of Ramos cells, and at 1 μM, strongly inhibits PIM kinases in all cell at 1 μM. AZD1208 induces apoptosis, and PIM2 knockdown is mainly associated with an alteration of the cell cycle[2]. The combination of AZD1208 and AZD2014 rapidly activates AMPKα, a negative regulator of translation machinery through mTORC1/2 signaling in AML cells; profoundly inhibits AKT and 4EBP1 activation; and suppresses polysome formation[3].



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