

AZD-5438

Cat. No. CEI-0289

Lot. No. (See product label)

Introduction

Description

AZD5438 can potently inhibit glycogen synthase kinase 3beta cyclin E-cdk2, cyclin A-cdk2, cyclin B1-cdk1, p25-cdk5, cyclin D3-cdk6, and cyclin T-cdk9 with IC50 of 17 nM, 6 nM, 45 nM, 16 nM, 14 nM, 21 nM, and 20 nM.

Product Information

CAS No. 602306-29-6

Molecular Formula C18H21N5O2S

Chemical Name 4-(1-isopropyl-2-methyl-1H-imidazol-5-yl)-N-(4-(methylsulfonyl)phenyl)pyrimidin-2-amine

Molecular Weight 371.46

Purity >99%

Targets GSK3beta, cyclin E-cdk2, cyclin A-cdk2, cyclin B1-cdk1, cyclin B1-cdk1

Solubility DMSO 74 mg/mL Water

Storage and Shipping Information

Storage 2 years at -20 centigrade