Creative Enzymes®

# AZD-5438

*Cat. No. CEI-0289*

*Lot. No.* (See product label)

## Introduction

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| ***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

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| ***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*** | DSMO 74 mg/mL Water |

## Storage and Shipping Information

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| ***Storage*** | 2 years at -20 centigrade |