Creative Enzymes®

# AZD-26

*Cat. No. CEI-1144*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | AZD-26 inhibits the phosphorylation of Thr308 on AKT in BT474 cells with IC50 of 0.422nM. It also inhibits the phosphorylation of Ser473 on AKT in MDAMB468 cells with IC50 of 0.322nM. |
| ***Synonyms*** | AKT, CWS6, PKB, PKB-ALPHA, PRKBA, RAC, RAC-ALPHA |

## Product Information

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|---|---|
| ***CAS No.*** | 1357158-81-6 |
| ***Molecular Formula*** | C22H21N3O |
| ***Chemical Name*** | 6-(4-(1-aminocyclobutyl)phenyl)-5-phenylnicotinamide |
| ***Molecular Weight*** | 343.42 |
| ***Purity*** | > 95% |
| ***Targets*** | Thr308/AKT, Ser473/AKT |
| ***IC50*** | 0.422nM, 0.322nM |
| ***Solubility*** | DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL |

## Storage and Shipping Information

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| ***Storage*** | 4 centigrade |
| ***Stability*** | 2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO |