

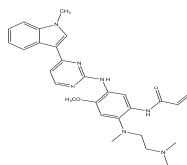
## Product: AZD-9291

**ALTERNATE NAME:** N-[2-[[2-(dimethylamino)ethyl]methylamino]-4-methoxy-5-[[4-(1-methyl-1H-indol-3-yl)-2-pyrimidinyl]amino]phenyl]-2-propanamide

**CATALOG #:** 2674-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>28</sub>H<sub>33</sub>N<sub>7</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:** 499.61

**CAS NUMBER:** 1421373-65-0

**APPEARANCE:** Crystalline solid

**SOLUBILITY:** DMSO (>50 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20 °C. Protect from air and light

**DESCRIPTION:** AZD-9291 is a potent, third generation, mutant-selective EGFR tyrosine kinase inhibitor. It is effective against both EGFR-TKI sensitizing and resistance T790M mutations. Displays anticancer properties.

**REFERENCES:** Lee, C.C., *et al.* (2014). *Expert Opin. Investig. Drugs* June 12, 1-16.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

A 83-01 (Cat. No. 1725-1)  
ABT-869 (Cat. No. 1615-1,5)  
Axitinib (Cat. No. 1581-5, 25)  
BIBW2992 (Cat. No. 1616-1,5)  
BMS-599626 (Cat. No. 1614-1,5)  
Bosutinib (Cat. No. 1584-5, 25)  
Canertinib (Cat. No. 1617-5)  
Cediranib (Cat. No. 1613-1,5)  
CP-690550 (Cat. No. 1622-5,25)  
Crizotinib (Cat. No. 1934-5, 25)  
Dasatinib (Cat. No. 1586-25, 100)  
Emodin (Cat. No. 1875-25, 100)  
Enzastaurin (LY317615)(Cat. No. 1619-1,5)  
Erlotinib, Hydrochloride Salt (Cat. No. 1588-100,1000)  
EZSolution™ Staurosporine (Cat. No. 1745-01)  
Gefitinib (Cat. No. 1589-5,25)  
Genistein (Cat. No. 1533-10, 100)  
Go 6976 (Cat. No. 1711-500)  
Imatinib Mesylate (Cat. No. 1625-100, 1000)  
Lapatinib Ditosylate (Cat. No. 1624-25,100)  
Nilotinib (Cat. No. 1750-25, 100)  
PD 153035, Hydrochloride (Cat. No. 1656-2)  
PD173074 (Cat. No. 1675-1)  
Saracatinib (Cat. No. 1582-5, 25)  
SB-431542 (Cat. No. 1674-1)  
Sorafenib (Cat. No. 1594-5, 25)  
Staurosporine (Cat. No. 1048-01,1)  
Tamoxifen Citrate (Cat. No. 1551-1000)  
SU 1498 (Cat. No. 1836-1,5)  
SU-5402 (Cat. No. 1645-05)  
Sunitinib Malate (Cat. No. 1611-100, 1000)  
Tyrphostin AG 1295 (Cat. No. 1571-5)  
Tyrphostin AG 490 (Cat. No. 1570-5)  
Vandetanib (Cat. No. 1751-25, 100)

**FOR RESEARCH USE ONLY! Not to be used on humans.**