

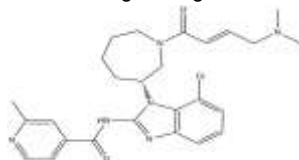
## PRODUCT: **Nazartinib**

**ALTERNATE NAME:** (R,E)-N-(7-chloro-1-(1-(4-(dimethylamino)but-2-enoyl)azepan-3-yl)-1H-benzodjimidazol-2-yl)-2-methylisonicotinamide; EGF816; NSV816

**CATALOG #:** B2288-5,25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>26</sub>H<sub>31</sub>ClN<sub>6</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:** 495.02

**CAS NUMBER:** 1508250-71-2

**APPEARANCE:** White to off-white solid

**SOLUBILITY:** DMSO

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** Nazartinib is a potent, irreversible, third-generation, mutant-selective epidermal growth factor receptor (EGFR) inhibitor, with potential antineoplastic activity. It covalently binds to and inhibits the activity of mutant forms of EGFR, including the T790M EGFR mutant, thereby preventing EGFR-mediated signaling.

**REFERENCES:** Lelais, G., *et al.* (2016). *J. Med. Chem.* **59**, 6671-6689.

**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)  
Brivanib (Cat. No. B1325-1,5)  
Brivanib alaninate (Cat. No. B1326-1,5)  
Canertinib (Cat. No. 1617-5)  
Cediranib (Cat. No. 1613-1,5)  
CP-690550 (Cat. No. 1622-5,25)  
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)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**