

**PRODUCT:****ALTERNATE NAME:****Poziotinib**

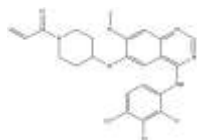
1-(4-((4-((3,4-dichloro-2-fluorophenyl)amino)-7-methoxyquinazolin-6-yl)oxy)piperidin-1-yl)prop-2-en-1-one; HM781-36B; NOV120101

**CATALOG #:**

9519-10, 50

**AMOUNT:**

10 mg, 50 mg

**STRUCTURE:****MOLECULAR FORMULA:**C<sub>23</sub>H<sub>21</sub>Cl<sub>2</sub>FN<sub>4</sub>O<sub>3</sub>**MOLECULAR WEIGHT:**

491.34

**CAS NUMBER:**

1092364-38-9

**APPEARANCE:**

White to off-white solid

**SOLUBILITY:**

DMSO (&gt;5 mg/ml)

**PURITY:**

≥98% by HPLC

**STORAGE:**

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

**DESCRIPTION:**

Poziotinib is an irreversible Pan-HER inhibitor with IC<sub>50</sub>s of 3 nM, 5 nM and 23 nM for HER1, HER2, and HER4 respectively. Displays antineoplastic activity.

**REFERENCES:**

Cha, M.Y., *et al.* (2012). *Int. J. Cancer* **130**, 2445-2454.

**HANDLING:**

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

**RELATED PRODUCTS:**

A83-01 (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)

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