

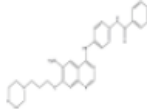
**PRODUCT: ZM 447439**

**ALTERNATE NAME:** N-[4-[[6-Methoxy-7-[3-(4-morpholinyl)propoxy]-4-quinazolylamino]phenyl]benzamide

**CATALOG #:** 2018-1,5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>29</sub>H<sub>27</sub>N<sub>5</sub>O<sub>4</sub>

**MOLECULAR WEIGHT:** 513.59

**CAS NUMBER:** 331771-20-1

**APPEARANCE:** Orange solid

**SOLUBILITY:** DMSO (100 mM)

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** Cell-permeable. A selective, ATP-competitive inhibitor of Aurora B kinase *in vitro* (IC<sub>50</sub> values are 50 nM, 250 nM and 1 μM for Aurora B, C and A kinases respectively). Selective over a range of other kinases including cdk1 and PLK1 (IC<sub>50</sub> > 10 μM).

**REFERENCE:** Girdler, F., et al. (2006). *J. Cell Sci.* **119**, 3664-3675.

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

**RELATED PRODUCTS:**

Aurora Kinase B Inhibitor (Cat. No. 1583-5, 25)  
Reversine (Cat. No. 1851-1, 5)  
Tozasertib (Cat. No. 1595-25, 100)  
EZSolution™ Tozasertib (Cat. No. 1803-25)

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

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