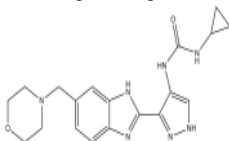


PRODUCT: AT9283**ALTERNATE NAME:** 1-Cyclopropyl-3-(3-(5-(morpholinomethyl)-1H-benzo[d]imidazol-2-yl)-1H-pyrazol-4-yl)urea**CATALOG #:** 2432-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₉H₂₃N₇O₂**MOLECULAR WEIGHT:** 381.43**CAS NUMBER:** 896466-04-9**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO (>70 mg/ml) or EtOH (>25 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** At -20°C. Protect from light and air**DESCRIPTION:** A pan-Aurora kinase inhibitor (IC₅₀ = 3 nM for both Aurora A and B). AT9283 also potently inhibits several kinases including the JAK2 and 3 (IC₅₀'s 1.2 and 1.1 nM, respectively), c-Abl (IC₅₀ = 110 nM) and Abl/T315I (IC₅₀ = 4 nM).**REFERENCE:** Qi, W., *et al.* (2012). *Int. J. Cancer* **130**, 2997-3005; Tanaka, R., *et al.* (2010). *Blood* **116**, 2089-2095.**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)

AZD1480 (Cat. No. 2315-1, 5)

CP-690550 (Cat. No. 1622-5, 25)

Lestaurtinib (Cat. No. 1805-500, 1000)

LLL12 (Cat. No. 1792-5, 25)

MS-1020 (Cat. No. 1911-1)

Reversine (Cat. No. 1851-1, 5)

Ruxolitinib, free base (Cat. No. 2139-5, 25)

Tozasertib (Cat. No. 1595-25, 100)

EZSolution™ Tozasertib (Cat. No. 1803-

TG101348 (Cat. No. 2314-1, 5)

Tyrphostin AG 490 (Cat. No. 1570-5)

WHI-P131 (Cat. No. 1853-5, 25)

WP1066 (Cat. No. 1809-5, 25)

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