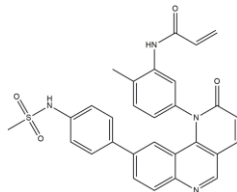


**PRODUCT: BMX-IN-1****ALTERNATE NAMES:** BMXIN1, BMX-IN1, BMX or ETK kinase inhibitor**CATALOG #:** B1330-5, -25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>29</sub>H<sub>24</sub>N<sub>4</sub>O<sub>4</sub>S**MOLECULAR WEIGHT:** 524.595**CAS NUMBER:** 1431525-23-3**APPEARANCE:** Solid powder**SOLUBILITY:** >5.3 mg/ml in DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light.

**DESCRIPTION:** BMX-IN-1 is a highly selective and potent irreversible inhibitor of BMX (also known as ETK) kinase. It targets the cysteine residue in the BMX ATP binding domain. BMX is a member of Tec family and plays an important role in regulating ischemia-mediated arteriogenesis and lymphangiogenesis. BMX is mainly expressed in arterial endothelia and in myeloid endothelia and in myeloid hematopoietic cells and it has been reported that BMX involves in tumor growth

**REFERENCES:**

1. Liu, F et al., ACS Chem Biol, 2013. 8(7): p. 1423-8.
2. Holopainen, T et al., Cancer Res, 2012. 72(14): p. 3512-21.

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

**RELATED PRODUCTS:**

- Etk/BMX Blocking Peptide (Cat# 3398RBP or 3398BP)
- Etk/BMX Antibody (Cat# 3398R or 3398)

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