

**PRODUCT: AVL-292 (Spebrutinib)**

**ALTERNATE NAME:** N-(3-((5-fluoro-2-((4-(2-methoxyethoxy)phenyl)amino)pyrimidin-4-yl)amino)phenyl)acrylamide; CC-292

**CATALOG #:** 9413-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>22</sub>H<sub>22</sub>FN<sub>5</sub>O<sub>3</sub>

**MOLECULAR WEIGHT:** 423.44

**CAS NUMBER:** 1202757-89-8

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

**SOLUBILITY:** DMSO (>50 mg/ml)

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** AVL-292 is a potent, selective inhibitor of Bruton's Tyrosine Kinase (BTK) (IC<sub>50</sub> = 0. 5 nM) with potential antineoplastic activity.

**REFERENCES:** D'Cruz, J.D. and Uckun, F.M. *Onco Targets Ther* **6**, 161-176.

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

**RELATED PRODUCTS:**

BTK Inhibitor, CNX-774 (Cat. No. 2600-5, 25)

BTK Inhibitor, PCI-32765 (Cat. No. 2298-5, 25)

LFM-A13 (Cat. No. 2414-5, 25)

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