

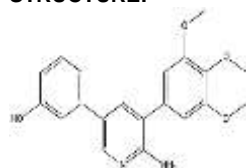
# K02288

**ALTERNATE NAME:** 3-[6-amino-5-(3,4,5-trimethoxyphenyl)-3-pyridinyl]-phenol

**CATALOG #:** B2321-5  
B2325-25

**AMOUNT:** 5 mg  
25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>20</sub> H<sub>20</sub> N<sub>2</sub> O<sub>4</sub>

**MOLECULAR WEIGHT:** 352.38

**CAS NUMBER:** 1431985-92-0

**APPEARANCE:** Off-white solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** >30 mg/ml (DMSO)

**REFERENCES:** Mohedas, A.H., et al. (2013). ACS Chem. Biol. 8, 1291-1302

**DESCRIPTION:** A potent and selective inhibitor of type I bone morphogenic protein (BMP) receptors (IC<sub>50</sub> values are 1.1, 1.8, 6.4, 34.4, 220, 302 and 321 nM for ALK2, ALK1, ALK6, ALK3, ActRIIA, ALK4 and ALK5 respectively). K02288 can prevent BMP4-induced SMAD1/5/8 pathway activation in vitro (IC<sub>50</sub> = 100 nM) without affecting TGF-β signaling.

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

**RELATED PRODUCTS:**

EZSolution(TM) LDN193189 (2092)  
DMH-1 (9542)  
LDN193189 (1995)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*