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## K02288

产品编号: D51461

CAS: 1431985-92-0

分子式: C<sub>20</sub>H<sub>20</sub>N<sub>2</sub>O<sub>4</sub>

纯度: ≥98%

InChi: InChI=1S/C<sub>20</sub>H<sub>20</sub>N<sub>2</sub>O<sub>4</sub>/c1-24-17-9-13(10-18(25-2)19(17)26-3)16-8-14(11-22-20(16)21)12-5-4-6-15(23)7-12/h4-11,23H,1-3H<sub>3</sub>, (H<sub>2</sub>,21,22)

InChi Key: CJLMANFTWLNAKC-UHFFFAOYSA-N

Smiles: COC1C(=CC(=CC=1OC)C1C=C(C=NC=1N)C1C=C(O)C=CC=1)OC

外观: 固体粉末

作用通路: TGF-β Receptor

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: K02288 is a potent inhibitor of BMP signaling. K02288 has in vitro activity against ALK2 at low nanomolar concentrations similar to the current lead compound LDN-193189. K02288 specifically inhibited the BMP-induced Smad pathway without affecting TGF-β signaling and induced dorsalization of zebrafish embryos.