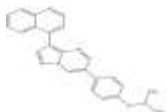


PRODUCT: DMH-1**ALTERNATE NAME:** 4-[6-[4-(1-Methylethoxy)phenyl]pyrazolo[1,5-a]pyrimidin-3-yl]-quinoline**CATALOG #:** 9542-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₄H₂₀N₄O**MOLECULAR WEIGHT:** 380.44**CAS NUMBER:** 1206711-16-1**APPEARANCE:** Pale orange solid**SOLUBILITY:** DMSO (>5 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** DMH-1 is an analog of Dorsomorphin (Cat. No. 1686) that acts as a highly selective Bone morphogenetic protein (BMP) inhibitor. DMH-1 exclusively targets the BMP but not the VEGF pathway. Blocks BMP4-induced phosphorylation of Smads 1, 5 and 8 in HEK293 cells. Promotes neurogenesis in human induced pluripotent stem cells (iPSCs) when used in combination with SB-431542 (Cat. No. 1674).**REFERENCES:** Neely, M.D., *et al.* (2012). *ACS Chem. Neurosci.* **3**, 482-491.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

LDN193189 (Cat. No. 1995-5,25)

EZSolution™ 193189 (Cat. No. 2092-5)

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