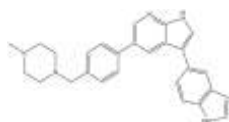


PRODUCT: URMC-099**ALTERNATE NAME:** 3-(1H-indol-5-yl)-5-(4-((4-methylpiperazin-1-yl)methyl)phenyl)-1H-pyrrolo[2,3-b]pyridine**CATALOG #:** 9443-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₇H₂₇N₅**MOLECULAR WEIGHT:** 421.55**CAS NUMBER:** 1229582-33-5**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (~ 5 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** URMC-099 is a brain-permeable mixed lineage kinase (MLK) inhibitor with IC₅₀ values of 19 nM, 42 nM, 14 nM, and 150 nM, for MLK1, MLK2, MLK3, and DLK, respectively. In vitro, URMC-099 treatment reduces inflammatory cytokine production by HIV-1 Tat-exposed microglia and prevents destruction and phagocytosis of cultured neuronal axons by these cells.**REFERENCES:** Marker, D.F., *et al.* (2013). *J.Neurosci.* **33**, 9998-10010.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**LY364947 (**Cat. No. 2646-1,5**)MLK3 Antibody (**Cat. No. 3430-100**)**USAGE:** *FOR RESEARCH CH USE ONLY! Not to be used in humans*