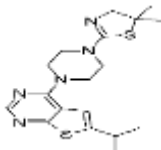


PRODUCT: MI-3**RELATED PRODUCTS:****ALTERNATE NAME:** 4-(4-(5,5-dimethyl-4,5-dihydrothiazol-2-yl)piperazin-1-yl)-6-iso-propylthieno[2,3-d]pyrimidine; Menin-MLL inhibitor 3MI-2 (**B1835**)MI-3 (**B1834**)**CATALOG NUMBER:** B1834-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₈H₂₅N₅S₂**MOLECULAR WEIGHT:** 375.55**CAS NUMBER:** 1271738-59-0**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (~5 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** MI-3 is a Menin-MLL (Mixed lineage leukemia) protein interaction inhibitor with an IC₅₀ of 648 ± 25 nM. MLL protein is a histone methyltransferase that positively regulates gene transcription. However, MLL gene is a common target for chromosomal translocations found in some leukemia.**REFERENCES:** Grembecka, J et al. (2012). *Nat. Cell Biol.* **8**, 277-284.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**