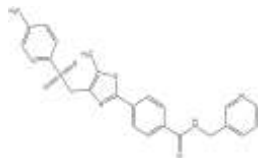


**PRODUCT: STF-118804****ALTERNATE NAME:** 4-(5-methyl-4-(tosylmethyl)oxazol-2-yl)-N-(pyridin-3-ylmethyl)benzamide**CATALOG #:** 9552-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>25</sub>H<sub>23</sub>N<sub>3</sub>O<sub>4</sub>S**MOLECULAR WEIGHT:** 461.53**CAS NUMBER:** 894187-61-2**APPEARANCE:** White solid**SOLUBILITY:** DMSO (>30 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** STF-118804 is a potent and highly specific inhibitor of Nampt (nicotinamide phosphoribosyl transferase) (IC<sub>50</sub>s = 3-6 nM) that prevents NAD<sup>+</sup> synthesis from nicotinamide. It inhibits the viability of multiple B-cell acute lymphoblastic leukemia (B-ALL) cell lines with nanomolar potency and induces apoptosis in MV411 cells. It improves survival in an orthotopic xenotransplant model of high-risk acute lymphoblastic leukemia, and targets leukemia stem cells.**REFERENCES:** Matheny, C.J., *et al.* (2013). *Chem. Biol.* **20**, 1352-1363**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

CHS-828 (Cat. No. 2044-5,25)

FK-866 (Cat. No. 1914-1,5)

STF-118804 (Cat. No. 9552-5,25)

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