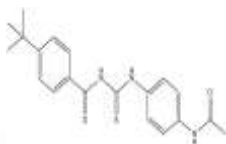


PRODUCT: Tenovin-1**ALTERNATE NAME:** *N*-[[[4-(Acetylamino)phenyl]amino]thioxomethyl]-4-(1,1-dimethylethyl)benzamide**CATALOG #:** 9400-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₀H₂₃N₃O₂S**MOLECULAR WEIGHT:** 369.48**CAS NUMBER:** 380315-80-0**APPEARANCE:** White solid**SOLUBILITY:** DMSO (~ 8 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** Tenovin-1 is a small molecule p53 activator that protects against MDM2-mediated p53 degradation. It acts through inhibition of the protein-deacetylating activities of SirT1 and SirT2. Elevates levels of p53 and p21^{CIP/WAF1} and induces expression from an endogenous p53-dependent promoter. Exhibits potent antiproliferative activity *in vitro*.**REFERENCES:** Lain, S., *et al.* (2008). *Cancer Cell* **13**, 454-463**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**NSC146109 hydrochloride (**Cat. No. 1907-5**)Nutlin-3 (**Cat. No. 1842-1, 5**)PRIMA-1 (**Cat. No. 2170-5, 25**)RITA (**Cat. No. 2469-5, 25**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**