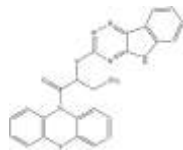


PRODUCT: Inauhzin**ALTERNATE NAME:** 2-((5H-[1,2,4]triazino[5,6-b]indol-3-yl)thio)-1-(10H-phenothiazin-10-yl)butan-1-one**CATALOG #:** 9555-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₅H₁₉N₅OS₂**MOLECULAR WEIGHT:** 469.58**CAS NUMBER:** 309271-94-1**APPEARANCE:** White solid**SOLUBILITY:** DMSO (~ 5 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** Inauhzin is a potent SIRT inhibitor that effectively reactivates p53 by inhibiting SIRT1 activity. Inauhzin inhibits cell proliferation, induces senescence, and p53-dependent apoptosis of human cancer cells without apparent toxicity to normal cells.**REFERENCES:** Zhang, Q., et al. (2012). *PLoS One* 7, e46294**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Apicidin (**Cat. No. 1601-1**)Cambinol (**Cat. No. 1653-10**)CI-994 (**Cat. No. 1742-10, 50**)CUDC-101 (**Cat. No. 1966-5, 25**)DiscoveryPak™ HDAC Inhibitor Set (**Cat. No. K851-6**)M344 (**Cat. No. 1701-1**)MS-275 (Entinostat, MS-275) (**Cat. No. 1590-1,5**)Panobinostat (LBH589) (**Cat. No. 1612-1,5**)SAHA (**Cat. No. 1604-1**)Salemide (**Cat. No. 1873-5, 25**)SIRT1 Inhibitor, EX-527 (**Cat. No. 1652-10**)SIRT2 Inhibitor, AGK2 (**Cat. No. 1651-10**)SIRT2 Inhibitor, AK-7 (**Cat. No. 1857-5, 25**)SIRT2 Inhibitor, B2 (**Cat. No. 2085-5**)Sirtinol (**Cat. No. 2062-1, 5**)Sodium 4-phenylbutyrate (**Cat. No. 1608-100,1000**)Sodium Butyrate (**Cat. No. 1609-1000**)Splitomycin (**Cat. No. 1610-5**)Suramin Hexasodium Salt (**Cat. No. 1874-50, 250**)Trichostatin A (**Cat. No. 1606-1**)Tubastatin A (**Cat. No. 1724-1, 5**)Valproic Acid, Sodium Salt (**Cat. No. 1647-200**)**USAGE:** *FOR RESEARCH CH USE ONLY! Not to be used in humans*