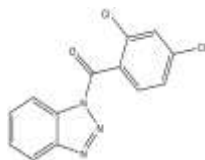


ITSA-1**ALTERNATE NAME:** N-(1*H*-Benzotriazol-1-yl)-2,4-dichlorobenzamide, ITSA1**CATALOG #:** 2089-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₃H₇Cl₂N₃O**MOLECULAR WEIGHT:** 292.12**CAS NUMBER:** 200626-61-5**APPEARANCE:** White solid**SOLUBILITY:** DMSO (25 mg/ml)**PURITY:** ≥98% by TLC**STORAGE:** Store at -20 °C. Protect from air and light.**DESCRIPTION:** Cell-permeable. ITSA-1 is a suppressor of Trichostatin A (TSA) and a molecular tool for dissecting gene regulation by distinct acetylation events (histone and tubulin). ITSA-1 specifically suppresses TSA inhibition of HDAC (histone deacetylase), but not other HDAC inhibitors. ITSA-1 reverses TSA induced histone acetylation, overall deacetylation. ITSA-1 also reverses TSA induced cell cycle arrest and apoptosis.**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**)
- CI-994 (**Cat. No. 1742-10, 50**)
- CUDC-101 (**Cat. No. 1966-5, 25**)
- Depudecin (**Cat. No. 2087-100**)
- 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**)
- Sodium 4-phenylbutyrate (**Cat. No. 1608-100,1000**)
- Sodium Butyrate (**Cat. No. 1609-1000**)
- Splitomycin (**Cat. No. 1610-5**)
- Trichostatin A (**Cat. No. 1606-1**)
- Tubacin (**Cat. No. 1984-250, 1000**)
- Tubastatin A (**Cat. No. 1724-1, 5**)
- Valproic Acid, Sodium Salt (**Cat. No. 1647-200**)

FOR RESEARCH USE ONLY! Not to be used in humans.