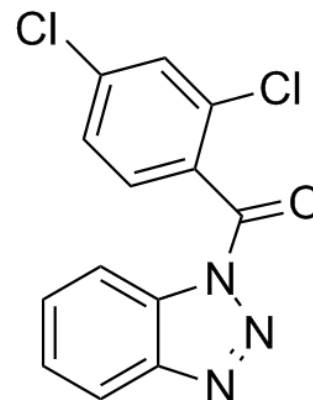


Product Name : ITSA-1
Cat. No. : PC-42181
CAS No. : 200626-61-5
Molecular Formula : C₁₃H₇Cl₂N₃O
Molecular Weight : 292.1202
Target : HDAC
Solubility : DMSO: ≥ 32 mg/mL



Biological Activity

ITSA-1 is a small molecule histone deacetylase (**HDAC**) activator that counteracts trichostatin A (TSA)-induced cell cycle arrest, histone acetylation and transcriptional activation. ITSA-1 also suppresses acetylation of cytoplasmic alpha-tubulin as well as histones induced by hydroxamic acid-based HDAC inhibitors like TSA and SAHA.

References

Koeller KM, et al. **Chem Biol.** 2003 May;10(5):397-410.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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