**Tenovin-6**


**CATALOG #:**
- B2818-5 5 mg
- B2818-25 25 mg

**STRUCTURE:**

![Structure of Tenovin-6](image)

**MOLECULAR FORMULA:** C₂₅H₃₄N₄O₂S

**MOLECULAR WEIGHT:** 454.63

**CAS NUMBER:** 1011557-82-6

**APPEARANCE:** Crystalline solid

**PURITY:** ≥95%

**SOLUBILITY:**
- ~20 mg/ml in DMSO
- ~1 mg/ml in Ethanol

**DESCRIPTION:** Tenovin-6 is a SirT2 inhibitor and a p53 activator. It is a water-soluble analog of Tenovin-1. Tenovins inhibit the protein-deacetylase activities of SirT1 and SirT2. The IC₅₀ for inhibiting human SirT1 and SirT2 peptide deacetylase activity is 21 μM and 10 μM respectively. Tenovin-6 potently inhibits the proliferation of diffuse large B-cell lymphoma (DLBCL) and acute lymphoblastic leukemia cells.

**STORAGE TEMPERATURE:** -20°C

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**
- Tenovin-1 (Cat. No. 9400)
- Tenovin-3 (Cat. No. B1828)
- JGB1741 (Cat. No. B2804)
- SIRT2 Inhibitor, AGK2 (Cat. No. 1651)
- Salermide (Cat. No. 1873)

**DISCLAIMER:** FOR RESEARCH USE ONLY! Not to be used on humans.