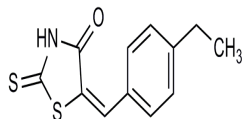


**Product: 10058-F4****ALTERNATE NAME:** 5-[(4-Ethylphenyl)methylene]-2-thioxo-4-thiazolidinone**CATALOG #:** 2739-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>12</sub>H<sub>11</sub>NOS<sub>2</sub>**MOLECULAR WEIGHT:** 249.35**CAS NUMBER:** 403811-55-2**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (60 mg/ml) or EtOH (20 mg/ml)**PURITY:** ≥98% by TLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** 10058-F4 is a c-Myc inhibitor that inhibits the c-Myc-Max association and function. It prevents the growth of fibroblasts in a c-Myc-dependent manner. Downregulates human telomerase reverse transcriptase and enhances chemosensitivity in human hepatocellular carcinoma cells. Induces cell cycle arrest, apoptosis and myeloid differentiation in human acute myeloid leukemia. Inhibits the MYCN/Max interaction leading to cell cycle arrest, apoptosis and neuronal differentiation in MYCN-amplified neuroblastoma cells.**REFERENCE:** Huang, M.J., *et al.* (2006). *Exp. Hematol.* **34**, 1480-1489**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

c-Myc antibody (Cat. No. 3995-100)

c-Myc antibody (Cat. No. 6767-100)

Flavopiridol (Cat. No. 2090-1,5)

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