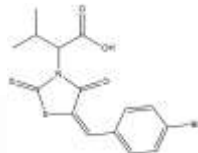


PRODUCT: BH3I-1**ALTERNATE NAME:** 5-[(4-bromophenyl)methylene]-a-(1-methylethyl)-4-oxo-2-thioxo-3-thiazolidineacetic acid**CATALOG #:** B1277-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₅H₁₄BrNO₃S₂**MOLECULAR WEIGHT:** 400.31**CAS NUMBER:** 300817-68-9**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (>10 mg/ml)**PURITY:** ≥97% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** BH3I-1 is a cell-permeable inhibitor that blocks the binding of BH3 peptides to Bcl-xL, inducing apoptosis. It inhibits interactions of BH3 domain-containing proteins with Bcl-xL, Bcl-2, and Bcl-W, inducing apoptosis in Bcl-2 or Bcl-W expressing cells with K_i values of 43.4 and 124 μM, respectively. BH3I-1 enhances radiation sensitivity in non-small cell lung cancer cells.**REFERENCES:** Degtrev, A., *et al.* (2001). *Nat. Cell Biol.* **3**, 173-182.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

ABT-263 (Cat. No. 2467-5, 25)

ABT-737 (Cat. No. 2463-5, 25)

AT-101 (Cat. No. 2380-5, 25)

Bcl2 Inhibitor GX15-070 (Cat. No. 2040-5)

Bcl2 Inhibitor ABT-199 (Cat. No. 2253-1, 5)

BH3I-1 (Cat. No. B1277-5,25)

TW-37 (Cat. No. 2789-5,25)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**