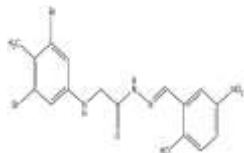


PRODUCT: L-67**ALTERNATE NAME:** E-2-((3,5-Dibromo-4-methylphenyl)amino)-N'-(2-hydroxy-5-nitrobenzylidene)acetohydrazide**CATALOG #:** 9633-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₆H₁₄Br₂N₄O₄**MOLECULAR WEIGHT:** 486.11**CAS#:** 325970-71-6**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (>20 mg/ml)**PURITY:** ≥98%**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** L-67 is a competitive human DNA ligase inhibitor, that inhibits DNA ligases I and III with IC₅₀ values of 10 μM and 10 μM. L-67 significantly increases the cytotoxicity of DNA damaging agents. L-67 also inhibits cell proliferation.**REFERENCE:** Chen, X., *et al.* (2008). *Cancer Res.* **68**, 3169-3177.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

L-67 (Cat. No. 9633-5,25)

SCR-7 (Cat. No. 9409-5,25)

T4 DNA ligase (9101-250)

T4 DNA ligase buffer (9102-1)

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