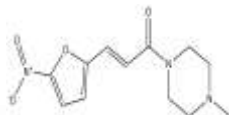


**PRODUCT: NSC-59984****ALTERNATE NAME:** (E)-1-(4-methylpiperazin-1-yl)-3-(5-nitrofuran-2-yl)prop-2-en-1-one**CATALOG #:** B1052-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>12</sub>H<sub>5</sub>N<sub>3</sub>O<sub>4</sub>**MOLECULAR WEIGHT:** 265.27**CAS NUMBER:** 803647-40-7**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** NSC-59984 is a p53 pathway activator that induces mutant p53 protein degradation via MDM2 and the ubiquitin-proteasome pathway. The EC<sub>50</sub> of NSC-59984 in most cancer cells is significantly lower than those of normal cells, with EC<sub>50</sub> of 8.38 μM for p53-null HCT116 cells. NSC-59984 induces p73-dependent cell apoptosis in cancer in vivo.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**GN25 (Cat. No. 9430-5, 25)  
NSC146109 hydrochloride (Cat. No. 1907-5)

Nutlin-3 (Cat. No. 1842-1, 5)

PRIMA-1 (Cat. No. 2170-5, 25)

PRIMA-1 MET (Cat. No. 9485-5, 25)

RITA (Cat. No. 2469-5, 25)

STIMA-1 (9437-10,50)

Tenovin-1 (Cat. No. 9400-5, 25)

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