

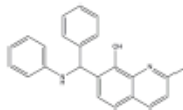
PRODUCT: NSC 66811

ALTERNATE NAME: 2-Methyl-7-[Phenyl(phenylamino)methyl]-8-quinolinol

CATALOG #: 2009-5

AMOUNT: 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₂₀N₂O

MOLECULAR WEIGHT: 340.42

CAS NUMBER: 8964-62-1

APPEARANCE: White solid

SOLUBILITY: DMSO (~ 100 mM)

PURITY: ≥97% by HPLC

STORAGE: Store at -20 °C. Protect from light.

DESCRIPTION: Cell-permeable. Potent MDM2 (murine double minute 2) inhibitor (K_i = 120 nM) that disrupts MDM2-p53 interaction and activates p53 in cancer cells. Induces p21, p53 and MDM2 accumulation in human colon cancer cells *in vitro*.

REFERENCE: Lu, Y., et al. (2006). *J. Med. Chem.* 49, 3759-3762.

RELATED PRODUCTS:

Berberine Chloride (Cat. No. 1830-100, 500)
Nutlin-3 (Cat. No. 1842-1, 5)
p53 Antibody (Cat. No. 3036-100)
p53 Antibody (Cat. No. 3036R-100)
p53 peptide (Cat. No.3036BP-50)
p53 Mutant, Human Recombinant (Cat. No. 4832-5)
p53 Human Recombinant (Cat. No. 4829-5)
Pifithrin-α (Cat. No. 1554-10)

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

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