

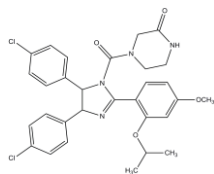
Nutlin-3

ALTERNATE NAMES: Nutlin3; Nutlin 3; (\pm)-4-[4,5-Bis(4-chlorophenyl)-2-(2-isopropoxy-4-methoxy-phenyl)-4,5-dihydro-imidazole-1-carbonyl]-piperazin-2-one

CATALOG #: 1842-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₀H₃₀Cl₂N₄O₄

MOLECULAR WEIGHT: 581.49

CAS NUMBER: 548472-68-0

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (~20 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C

DESCRIPTION: Cell-permeable. Nutlin-3 is a Mdm2 (mouse double minute 2) antagonist (IC₅₀ = 90 nM for Nutlin-3a and 13.6 μM for Nutlin-3b), p53 pathway activator, and apoptosis inducer.

REFERENCE: Vassilev, L.T., *et al.* (2004). *Science* **303**, 844-848.

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

RELATED PRODUCTS:

- Berberine Chloride (**Cat. No. 1830-100, 500**)
- 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**)

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