

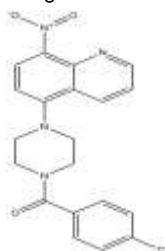
SIRT2 Inhibitor, B2

ALTERNATE NAME: 5-[4-(4-Chlorobenzoyl)-1-piperazinyl]-8-nitroquinoline, CPNQ

CATALOG #: 2085-5

AMOUNT: 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₀H₁₇ClN₄O₃

MOLECULAR WEIGHT: 396.83

CAS NUMBER: 115687-05-3

APPEARANCE: Yellow solid

SOLUBILITY: DMSO (>5 mg/ml)

PURITY: ≥95%

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

DESCRIPTION: Cell-permeable. A Sirtuin 2 (SIRT2) inhibitor (IC₅₀ = 35 μM). Promotes inclusion formation in cellular models of both Huntington's disease and Parkinson's disease. Prevents huntingtin-mediated proteasome dysfunction and reduces α-synuclein-mediated toxicity.

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

RELATED PRODUCTS:

- Apicidin (**Cat. No. 1601-1**)
- Cambinol (**Cat. No. 1653-10**)
- CI-994 (**Cat. No. 1742-10, 50**)
- CUDC-101 (**Cat. No. 1966-5, 25**)
- DiscoveryPak™ HDAC Inhibitor Set (**Cat. No. K851-6**)
- M344 (**Cat. No. 1701-1**)
- MS-275 (Entinostat, MS-275) (**Cat. No. 1590-1,5**)
- Panobinostat (LBH589) (**Cat. No. 1612-1,5**)
- SAHA (**Cat. No. 1604-1**)
- Salermide (**Cat. No. 1873-5, 25**)
- SIRT1 Inhibitor, EX-527 (**Cat. No. 1652-10**)
- SIRT2 Inhibitor, AGK2 (**Cat. No. 1651-10**)
- SIRT2 Inhibitor, AK-7 (**Cat. No. 1857-5, 25**)
- Sirtinol (**Cat. No. 2062-1, 5**)
- Sodium 4-phenylbutyrate (**Cat. No. 1608-100,1000**)
- Sodium Butyrate (**Cat. No. 1609-1000**)
- Splitomycin (**Cat. No. 1610-5**)
- Suramin Hexasodium Salt (**Cat. No. 1874-50, 250**)
- Trichostatin A (**Cat. No. 1606-1**)
- Tubastatin A (**Cat. No. 1724-1, 5**)
- Valproic Acid, Sodium Salt (**Cat. No. 1647-200**)

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