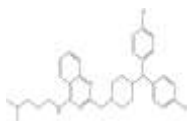


PRODUCT: SCH-529074**ALTERNATE NAME:** N³-[2-[[4-[Bis(4-chlorophenyl)methyl]-1-piperazinyl)methyl]-4-quinazoliny]-N¹,N¹-dimethyl-1,3-propanediamine**CATALOG #:** 9438-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₃₁H₃₆Cl₂N₆**MOLECULAR WEIGHT:** 563.56**CAS NUMBER:** 922150-11-6**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO (>40 mg/ml)**PURITY:** ≥98%**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** SCH-529074 is a small molecule activator of mutant p53. It binds specifically to the p53 DBD (DNA binding domain) in a saturable manner with an affinity of 1-2 μM. Binding restores wild type function to many oncogenic mutant forms of p53. SCH-529074 reactivates mutant p53 by acting as a chaperone. In addition to reactivating mutant p53, SCH-529074 binding inhibits ubiquitination of p53 by HDM2.**REFERENCES:** Demma, M., *et al.* (2010). *J. Biol. Chem.* **285**, 10198-10212.**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)
RITA (Cat. No. 2469-5, 25)
STIMA-1 (Cat. No. 9437-10, 50)
Tenovin-1 (Cat. No. 9400-5, 25)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**