

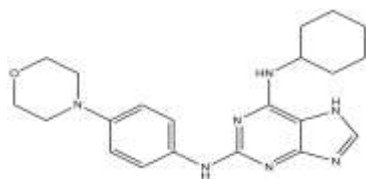
Reversine

ALTERNATE NAME: 2-(4-Morpholinoanilino)-6-cyclohexylaminopurine

CATALOG #: 1851-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₂₇N₇O

MOLECULAR WEIGHT: 393.49

CAS NUMBER: 656820-32-5

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (~7-10 mg/ml)

PURITY: ≥98% by TLC

STORAGE: Store at -20 °C

DESCRIPTION: A cell-permeable, potent, and selective human A₃ adenosine receptor antagonist (K_i = 0.66 μM) and an aurora kinase inhibitor (IC₅₀'s of 30-550 nM for blast colony formation assay). Induces dedifferentiation in murine C2C12 myoblasts. The cells were also shown to regain multipotency following removal of the compound.

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

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

RELATED PRODUCTS:

- Compound 1 (Cat. No. 1688-1)
- Cyclopamine (Cat. No. 1578-5)
- Cyclosporine A (Cat. No. 1522-100, 1G)
- Dexamethasone (Cat. No. 1042-1G, 10G)
- Forskolin, *Coleus Forskohlii* (Cat. No. 1531-5)
- Geldanamycin (Cat. No. 1564-1,5)
- Hh Signaling Pathway Antagonist (Cat. No. 1659-1)
- JK 184 (Cat. No. 1726-1)
- Purmorphamine (Cat. No. 1672-5)
- Rapamycin (Cat. No. 1568-5,50)
- EZSolution™ Rapamycin (Cat. No. 1746-5)
- SB-431542 (Cat. No. 1674-1)
- Sodium Butyrate (Cat. No. 1609-1000)
- Stauprimide (Cat. No. 1743-500)
- Trichostatin A (Cat. No. 1606-1)
- U0126 (Cat. No. 1668-5)