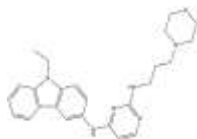


PRODUCT: EHop-016**RELATED PRODUCTS:**

ML141 (2267-5, 25)

NSC-23766 (1941-1,5)

ALTERNATE NAME: 4-N-(9-ethylcarbazol-3-yl)-2-N-(3-morpholin-4-ylpropyl)pyrimidine-2,4-diamine**CATALOG #:** 9595-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₅H₃₀N₆O**MOLECULAR WEIGHT:** 430.55**CAS NUMBER:** 1380432-32-5**APPEARANCE:** Pale yellow solid**SOLUBILITY:** DMSO (>5 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** EHop-016 is an analog of NSC-23766 (Cat. No. 1941) that acts as a potent inhibitor of Rac GTPase (IC₅₀ = 1.1 μM for Rac1). The IC₅₀ of 1.1 μM for Rac inhibition by EHop-016 is ~100-fold lower than for NSC-23766. EHop-016 is specific for Rac1 and Rac3 at concentrations of ≤5 μM. At higher concentrations, EHop-016 inhibits the close homolog Cdc42.**REFERENCE:** Montalvo-Ortiz, B.L., *et al.* (2012). *J. Biol.Chem.* **287**, 13228-13238**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**