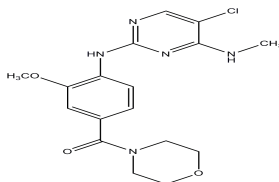


Product: HG-10-102-01**ALTERNATE NAME:** [4-[[[5-Chloro-4-(methylamino)-2-pyrimidinyl]amino]-3-methoxyphenyl]-4-morpholinylmethanone**CATALOG #:** 2604-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₇H₂₀ClN₅O₃**MOLECULAR WEIGHT:** 377.83**CAS No.** 1351758-81-0**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (>30 mg/ml)**PURITY:** >98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** Brain-permeable. HG-10-102-01 is a potent and selective inhibitor of wild-type LRRK2 and the G2019S mutant (IC₅₀ values are ~20.3 nM and ~ 3.2 nM, respectively). It significantly inhibits Ser910 and Ser935 phosphorylation of both wild-type LRRK2 and G2019S mutant at a concentration of 0.1-0.3 μM in cells. May be a useful tool for Parkinson's Disease research.**REFERENCES:** Choi, H.G., *et al.* (2012). *ACS Med. Chem. Lett.* **3**, 658-662.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

APP Antibody (Cat. No. 6001-100)

Beta-Secretase, human recombinant (Cat. No. 7604-20, 100, 1000)

Beta-Secretase Activity Assay Kit (Cat. No. K360-100)

Beta Secretase Inhibitor I (Cat. No. 7501-1)

Beta Secretase Inhibitor II (Cat. No. 7502-1)

Compound 34 (Cat. No. 1898-200, 1000)

Compound E (Cat. No. 1949-250, 1000)

Compound W (Cat. No. 2208-50, 250)

DAPT (Cat. No. 1855-5)

L-685, 258 (Cat. No. 1713-250)

LY2886721 (Cat. No. 2399-5, 25)

RO4929097 (Cat. No. 2011-1, 5)

Semagacestat (Cat. No. 2430-1, 5)

TACE Antibody (Cat. No. 3222-100)

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