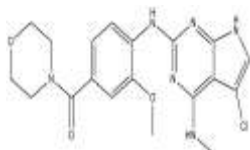


**PRODUCT: JH-II-127****ALTERNATE NAME:** 4-((5-chloro-4-(methylamino)-7H-pyrrolo[2,3-d]pyrimidin-2-yl)amino)-3-methoxyphenyl(morpholino)methanone**CATALOG #:** 9632-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>19</sub>H<sub>21</sub>ClN<sub>6</sub>O<sub>3</sub>**MOLECULAR WEIGHT:** 416.87**CAS#:** 1700693-08-8**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (>20 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** JH-II-127 is a highly potent, selective, and cell-permeable LRRK2 inhibitor, with IC<sub>50</sub> of 6.6 nM, 2.2 nM, 47.7 nM for LRRK2-wild-type, LRRK2-G2019S, LRRK2-A2016T. JH-II-127 substantially inhibits Ser910 and Ser935 phosphorylation of both wild-type LRRK2 and G2019S mutant at a concentration of 0.1-0.3 μM in a variety of cell types and is capable of inhibiting Ser935 phosphorylation in mouse brain following oral delivery of doses as low as 30 mg/kg.**REFERENCE:** Hatcher, J.M., *et al.* (2015). *ACS Med.Chem.Lett.* **6**, 584-589.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**CZC-54242 hydrochloride (**9567-10,50**)GSK2578215A (**Cat. No. 2845-5,25**)HG-10-012-01 (**Cat. No. 2604-5,25**)JH-II-127 (**Cat. No. 9632-5,25**)PF-06447475 (**Cat. No. 9447-5,25**)**USAGE:****FOR RESEARCH USE ONLY! Not to be used in humans!**