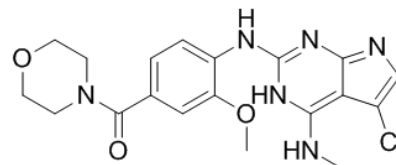


Product Name : JH-II-127
Cat. No. : PC-45094
CAS No. : 1700693-08-8
Molecular Formula : C₁₉H₂₁ClN₆O₃
Molecular Weight : 416.8615
Target : LRRK2
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

JH-II-127 is a potent and selective inhibitor of both wild-type and G2019S mutant **LRRK2** with IC₅₀ of 6.6 and 2.2 nM, respectively.

JH-II-127 also inhibits LRRK2 A2016T with IC₅₀ of 47.7 nM.

JH-II-127 substantially inhibits Ser910 and Ser935 phosphorylation of both wild-type LRRK2 and G2019S mutant at 0.1-0.3 μM in a variety of cell types.

JH-II-127 inhibits Ser935 phosphorylation in mouse brain; orally active.

References

Hatcher JM, et al. *ACS Med Chem Lett.* 2015 Apr 7;6(5):584-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com