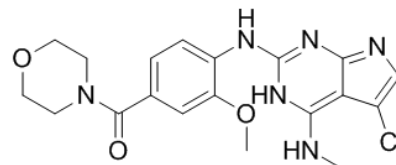


**Product Name** : JH-II-127  
**Cat. No.** : PC-45094  
**CAS No.** : 1700693-08-8  
**Molecular Formula** : C<sub>19</sub>H<sub>21</sub>ClN<sub>6</sub>O<sub>3</sub>  
**Molecular Weight** : 416.8615  
**Target** : LRRK2  
**Solubility** : DMSO: ≥ 30 mg/mL



## Biological Activity

A potent and selective inhibitor of both wild-type and G2019S mutant LRRK2 with IC<sub>50</sub> of 6.6 and 2.2 nM, respectively; also inhibits LRRK2 A2016T with IC<sub>50</sub> of 47.7 nM; 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; inhibits Ser935 phosphorylation in mouse brain; orally active.

Parkinson's Disease  
Preclinical

## 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!**

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