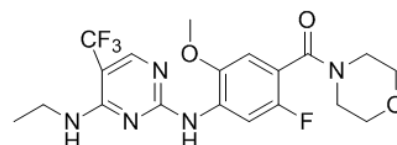


**Product Name** : GNE-7915  
**Cat. No.** : PC-45424  
**CAS No.** : 1351761-44-8  
**Molecular Formula** : C<sub>19</sub>H<sub>21</sub>F<sub>4</sub>N<sub>5</sub>O<sub>3</sub>  
**Molecular Weight** : 443.3954  
**Target** : LRRK2  
**Solubility** : DMSO: 14.33 mg/mL



## Biological Activity

GNE-7915 is a highly potent, selective, and brain-penetrant **LRRK2** inhibitor with IC<sub>50</sub> of 1.9 nM.

GNE-7915 shows 1/187 kinases with 50% inhibition at 0.1 μM.

GNE-7915 possesses an ideal balance of LRRK2 cellular potency, broad kinase selectivity, metabolic stability, and brain penetration across multiple species.

## References

Estrada AA, et al. *J Med Chem.* 2012 Nov 26;55(22):9416-33.

Fuji RN, et al. *Sci Transl Med.* 2015 Feb 4;7(273):273ra15.

Kavanagh ME, et al. *Bioorg Med Chem Lett.* 2013 Jul 1;23(13):3690-6.

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

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