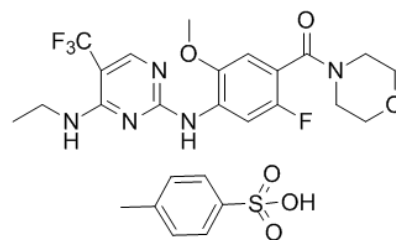


Product Name : GNE-7915 tosylate
Cat. No. : PC-45425
CAS No. : 2070015-00-6
Molecular Formula : C₂₆H₂₉F₄N₅O₆S
Molecular Weight : 615.597
Target : LRRK2
Solubility : 10 mM in DMSO



Biological Activity

GNE-7915 tosylate (GNE7915 tosylate) is a highly potent, selective, and brain-penetrable **LRRK2** inhibitor with IC₅₀ of 1.9 nM; shows 1/187 kinases with 50% inhibition at 0.1 μM; possesses an ideal balance of LRRK2 cellular potency, broad kinase selectivity, metabolic stability, and brain penetration across multiple species.

Parkinson's Disease

Preclinical

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!

E-mail: tech@probechem.com