产品名称：**GNE-9605**
产品别名：**GNE-9605**

生物活性：

Description	GNE-9605 is a highly potent, selective, and brain-penetrant LRRK2 inhibitor with IC50 of 19 nM. IC50 value: Target: LRRK2 GNE-9605 retained excellent predicted human metabolic stability when assayed in human liver microsomes and hepatocytes. In addition, no reversible or time-dependent inhibition of any of the major CYP isoforms was observed. The demonstrated metabolic stability, brain penetration across multiple species, and selectivity of these inhibitors support their use in preclinical efficacy and safety studies.
Solvent&Solubility	***In Vitro:*** **DMSO： ≥ 60 mg/mL (133.38 mM)** * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	2.2231 mL	11.1153 mL	22.2306 mL
	5 mM	0.4446 mL	2.2231 mL	4.4461 mL
	10 mM	0.2223 mL	1.1115 mL	2.2231 mL

*请根据产品在不同溶剂中的溶解度选择合适的溶剂配制储备液；一旦配成溶液，请分装保存，避免反复冻融造成的产品失效。

储备液的保存方式和期限：-80°C, 6 months; -20°C, 1 month。-80°C 储存时，请在 6 个月内使用，-20°C 储存时，请在 1 个月内使用。

References

[1]. Estrada AA, et al. Discovery of highly potent, selective, and brain-penetrant aminopyrazole leucine-rich repeat kinase 2 (LRRK2) small molecule inhibitors. J Med Chem. 2014 Feb 13;57(3):921-36.