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## PF06447475

产品编号: D51528

CAS: 1527473-33-1

分子式: C<sub>17</sub>H<sub>15</sub>N<sub>5</sub>O

纯度: ≥98%

InChi: InChI=1S/C<sub>17</sub>H<sub>15</sub>N<sub>5</sub>O/c18-9-12-2-1-3-13(8-12)14-10-19-16-15(14)17(21-11-20-16)22-4-6-23-7-5-22/h1-3,8,10-11H,4-7H<sub>2</sub>, (H,19,20,21)

InChi Key: BHTWDJBVZQBRKP-UHFFFAOYSA-N

Smiles: N#CC1=CC(=CC=C1)C1=CNC2N=CN=C(C1=2)N1CCOCC1

外观: 固体粉末

作用通路: LRRK2

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: PF06447475 is a highly potent, selective, brain penetrant, and in vivo active LRRK2 kinase inhibitor. Leucine rich repeat kinase 2 (LRRK2) has been genetically linked to Parkinson's disease (PD) by genome-wide association studies (GWAS). The most common LRRK2 mutation, G2019S, which is relatively rare in the total population, gives rise to increased kinase activity. As such, LRRK2 kinase inhibitors are potentially useful in the treatment of PD.