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## MPT0G211

产品编号: D58118

CAS: 2151853-97-1

分子式: C<sub>17</sub>H<sub>15</sub>N<sub>3</sub>O<sub>2</sub>

纯度: 99.07%

InChi Key: InChiKey=BPDQUKCPNSRTTR-UHFFFAOYSA-N

Smiles: O=C(NO)C1=CC=C(C=C1)CNC2=CC=CC3=CC=CN=C32

外观: 固体粉末

作用通路: Chromatin/Epigenetic;DNA Damage/DNA Repair

作用靶点: HDAC

溶解性: DMSO:90 mg/mL (306.83 mM,Need ultrasonic)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: MPT0G211 is a highly selective and orally active HDAC6 inhibitor (IC<sub>50</sub>=0.291 nM) that has neuroprotective effects and has shown anti-metastatic activity in human breast cancer cells. MPT0G211 has 1,000 times more affinity for HDAC6 than other HDAC subtypes. MPT0G211 can cross the blood-brain barrier and could be used to improve tau phosphorylation and cognitive deficits in Alzheimer's disease models.