
TPN171

产品编号: D55271

CAS: 1229018-87-4

分子式: C₂₄H₃₅N₅O₃

纯度: 100%

InChi Key: InChiKey=PIOIVHHIGWTEJQ-UHFFFAOYSA-N

Smiles: O=C1N=C(NC(=C1CC)CC)C=2C=C(C=CC2OCCC)NC(=O)CN3CCN(C)CC3

外观: 固体粉末

作用通路: Metabolism

作用靶点: PDE

溶解性: DMSO : 22.5 mg/mL (51.0 mM; ultrasonic and warming and heat to 60°C)

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

产品介绍: TPN171 is potent PDE5 inhibitor with subnanomolar potency for PDE5 and good selectivity over PDE6, which has the potential for the treatment of pulmonary arterial hypertension (PAH). TPN171 was proven to exert a longer lasting effect than sildenafil in animal models, providing a foundation for a once-daily oral administration for its clinical use.