

Product Datasheet

N-Ethyl tadalafil (orb1987414)

Catalog Number	orb1987414
Category	Small Molecules
Description	N-Ethyl tadalafil is a research-grade PDE5 inhibitor used to study cardiovascular conditions like pulmonary hypertension. It serves as a tool compound in both in vitro enzymatic assays and in vivo models to investigate cGMP-mediated signaling pathways and vascular relaxation.
Target	PDE
Purity	99.58%
MW	403.43
Target Areas	PDE
Solubility (25°C)	DMSO:1 mg/mL(3.11 mM)
CAS Number	1609405-34-6
Formula	C ₂₃ H ₂₁ N ₃ O ₄
SMILES	<chem>O=C1N2[C@@H](C3=C(C[C@@]2(C(=O)N(CC)C1)[H])C=4C(N3)=CC=CC4)C=5C=C6C(=CC5)OC6</chem>
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only

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