

Product Datasheet

Vardenafil hydrochloride (orb1685387)

Catalog Number	orb1685387
Category	Small Molecules
Description	Vardenafil hydrochloride is a selective PDE5 inhibitor used in research for erectile dysfunction, particularly in diabetic models. It is applied in both in vitro enzymatic assays and in vivo studies to investigate vascular and smooth muscle function.
Target	Endogenous Metabolite,PDE
Purity	99.76% (May vary between batches)
MW	525.06
Target Areas	PDE Endogenous Metabolite
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (3.81 mM);DMSO:50 mg/mL (95.23 mM);H2O:100 mg/mL (190.45 mM)
CAS Number	224785-91-5
Formula	C ₂₃ H ₃₃ ClN ₆ O ₄ S
SMILES	Cl.CCCc1nc(C)c2n1nc([nH]c2=O)-c1cc(ccc1OCC)S(=O)(=O)N1CCN(CC)CC1
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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