
Vardenafil hydrochloride trihydrate

产品编号: D51575

CAS: 330808-88-3

分子式: C₂₃H₄₀Cl₂N₆O₇S

纯度: ≥98%

InChi: InChI=1S/C₂₃H₃₂N₆O₄S.2ClH.3H₂O/c1-5-8-20-24-16(4)21-23(30)25-22(26-29(20)21)18-15-17(9-10-19(18)33-7-3)34(31,32)28-13-11-27(6-2)12-14-28;;;;;/h9-10,15H,5-8,11-14H₂,1-4H₃,(H,25,26,30);2*1H;3*1H₂

InChi Key: NEAUGLIJDBPHAY-UHFFFAOYSA-N

Smiles: O.O.O.Cl.Cl.CC1N=C(CCC)N2NC(=NC(=O)C2=1)C1C=C(C=CC=1OCC)S(=O)(=O)N1CCN(CC1)CC

外观: 固体粉末

溶解性: Soluble in DMSO

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

产品介绍: Vardenafil, also known as BAY 38-9456, is a PDE5 inhibitor used for treating erectile dysfunction. Vardenafil's indications and contra-indications are the same as with other PDE5 inhibitors; it is closely related in function to sildenafil citrate (Viagra) and tadalafil (Cialis). The difference between the vardenafil molecule and sildenafil citrate is a nitrogen atom's position and the change of sildenafil's piperazine ring methyl group to an ethyl group. Tadalafil is structurally different from both sildenafil and vardenafil. Vardenafil's relatively short effective time is comparable to but somewhat longer than sildenafil's.