
pardoprinox

产品编号: D51234

CAS: 269718-84-5

分子式: C₁₂H₁₅N₃O₂

纯度: ≥98%

InChi: InChI=1S/C12H15N3O2/c1-14-5-7-15(8-6-14)10-4-2-3-9-11(10)17-12(16)13-9/h2-4H,5-8H2,1H3,(H,13,16)

InChi Key: YVPUUUDAZYFFQT-UHFFFAOYSA-N

Smiles: CN1CCN(CC1)C1=CC=CC2NC(=O)OC=21

外观: 固体粉末

作用通路: 5-HT Receptor

溶解性: Soluble in DMSO

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

产品介绍: Pardoprinox, also known as SLV-308; DU-126891; SME-308, is dopamine D₂/5-HT_{1A} receptor agonist potentially for the treatment of Parkinson's disease. It was also being investigated for the treatment of depression and anxiety but these indications appear to have been abandoned. Pardoprinox acts as a D₂ (pK_i = 8.1) and D₃ receptor (pK_i = 8.6) partial agonist (IA = 50% and 67%, respectively) and 5-HT_{1A} receptor (pK_i = 8.5) full agonist (IA = 100%). It also binds to D₄ (pK_i = 7.8), α₁-adrenergic (pK_i = 7.8), α₂-adrenergic (pK_i = 7.4), and 5-HT₇ receptors (pK_i = 7.2) with lower affinity.