
Orexin 2 Receptor Agonist

产品编号: D61415

CAS: 1796565-52-0

分子式: C₃₂H₃₄N₄O₅S

纯度: 99%

InChi Key: InChIKey=RHLMXWCISNJNDH-UHFFFAOYSA-N

Smiles: c1(cccc(c1)C(=O)N(C)C)c1ccc(c(c1)S(=O)(=O)Nc1cccc(c1)NCCNC(=O)c1cc(ccc1)C)OC

外观: 固体粉末

作用通路: GPCR/GProtein

作用靶点: OX Receptor

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: Orexin 2 Receptor Agonist is a potent (EC₅₀ on OX₂R is 23 nM) and OX₂R-selective (OX₁R/OX₂R EC₅₀ ratio is 70) agonist. IC₅₀ value: 23 nM (EC₅₀) Target: Orexin 2 Receptor
Orexin 2 Receptor Agonist shows not only potent activity but also high selectivity for OX₂R over OX₁R. In CHO cells overexpressing hOX₁R and HEK-293 cells overexpressing hOX₂R, compound 26 displaced [¹²⁵I]orexin-A in a concentration dependent manner: 26 bound to hOX₂R and hOX₁R with K_i of 0.14 and 0.77 μM, respectively