
ML224

产品编号: D51101

CAS: 1338824-21-7

分子式: C₃₁H₃₁N₃O₅

纯度: ≥98%

InChi: InChI=1S/C₃₁H₃₁N₃O₅/c1-19-14-24(32-21(3)35)15-20(2)29(19)39-18-23-16-22(11-12-28(23)37-4)30-33-27-10-6-5-9-26(27)31(36)34(30)17-25-8-7-13-38-25/h5-16,30,33H,17-18H₂,1-4H₃,11,32,35

InChi Key: BFTSWGYWHRJVNI-UHFFFAOYSA-N

Smiles: COC1C=CC(=CC=1COC1=C(C)C=C(C=C1C)NC(C)=O)C1NC2=CC=CC=C2C(=O)N1CC1=CC=CO1

外观: 固体粉末

作用通路: TSH Receptor

溶解性: Soluble in DMSO

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

产品介绍: ML224, also known as NCGC00242364 and ANTAG3, is a selective TSHR inverse agonist; inhibits TSH-stimulated cAMP production with an IC₅₀ = 2.3 μM. ML224 could be a useful tool for studying TSHR functions; it could also be a potential lead for development of drugs to treat TSHR-mediated hyperthyroidism caused by constitutively activating mutations or stimulating auto-antibodies associated with Graves' disease.