
GLL398

产品编号: D51568

CAS: 2077980-83-5

分子式: C₂₅H₂₃BO₄

纯度: ≥98%

InChi: InChI=1S/C₂₅H₂₃BO₄/c1-2-23(19-6-4-3-5-7-19)25(21-13-15-22(16-14-21)26(29)30)20-11-8-18(9-12-20)10-17-24(27)28/h3-17,29-30H,2H2,1H3,(H,27,28)/b17-10+,25-23+

InChi Key: BINZFDGAOTWQNC-YGCRUXFTSA-N

Smiles: CCC(=C(C1C=CC(C=CC(O)=O)=CC=1)C1C=CC(=CC=1)B(O)O)C1C=CC=CC=1

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: GLL398 is an Oral Selective Estrogen Receptor Downregulator. GLL398 strongly binds to ERα in a fluorescence resonance energy transfer binding assay (IC₅₀ = 1.14 nM) and potently degrades ERα in MCF-7 breast cancer cells (IC₅₀ = 0.21 μM). Most importantly, the introduction of the boronic acid group confers superior oral bioavailability of GLL398 (AUC = 36.9 μg · h/mL) in rats as compared to GW7604 (AUC = 3.35 μg · h/mL). The strikingly favorable pharmacokinetic property of GLL398 makes it a promising oral SERD suitable for clinical evaluation.