www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

L755,507

产品编号: D50899

CAS: 159182-43-1

分子式: C30H40N4O6S

纯度: ≥98%

InChi: InChI=1S/C30H40N4O6S/c1-2-3-4-5-19-32-30(37)33-24-10-16-29(17-11-24)41(38,39)34-25-8-6-23(7-9-25)18-20-31-21-27(36)22-40-28-14-12-26(35)13-15-28/h6-17,27,31,34-36H,2-5,18-22H2,1H3,(H2,32,33,37)/t27-/m0/s1

InChi Key: NYYJKMXNVNFOFQ-MHZLTWQESA-N

Smiles: CCCCCCNC(=O)NC1C=CC(=CC=1)S(=O)(=O)NC1C=CC(CCNC[C@H](O)COC2=CC=C(O)C=C2)=CC=1

外观: 固体粉末

作用通路: Adrenergic Receptor

溶解性: DMSO up to 100 mM

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

产品介绍: L-755, 507 was previously characterized as a potent and selective β3 adrenergic receptor partial agonist with EC50 ~0.43 nM. It has > 1000 fold selectivity overβ1- and β2-adrenoceptors (EC50 ~ 580 nM and >10000 nM forβ1- and β2-adrenoceptors respectively). It stimulates lipolysis in rhesus adipocytes in vitro (EC50 = 3.9 nM). In a recent study, L-755, 507 was identified to enhance CRISPR-mediated homology-directed repair (HDR) efficiency in human induced pluripotent stem cells (iPSCs) and other cell types.