

Product Name : Adomeglivant

Synonyms : LY-2409021

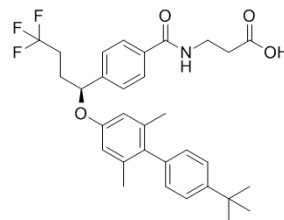
Cat No. : M12058

CAS Number : 1488363-78-5

Molecular Formula : C₃₂H₃₆F₃NO₄

Formula Weight : 555.63

Chemical Name : β-Alanine, N-[4-[(1S)-1-[[4'-(1,1-dimethylethyl)-2,6-dimethyl[1,1'-biphenyl]-4-yl]oxy]-4,4,4-trifluorobutyl]benzoyl]-



Description : A potent, selective, orally active, small-molecule antagonist of human glucagon receptor with K_i of 6.66 nM; displays >200-fold selectivity over related receptors; exhibits robust glucose-lowering in response to daily oral administration in an ob/ob mouse model of type 2 diabetes mellitus. Diabetes Phase 2 Discontinued

Pathway : GPCR/G Protein

Target : Glucagon Receptor

Receptor : Glucagon Receptor

Solubility : DMSO: ≥ 5.3 mg/mL

SMILES : O=C(O)CCNC(C1=CC=C(C([C@@H](OC2=CC(C)=C(C3=CC=C(C(C(C)(C)C)=C3)C(C)=C2)CC(F)(F)F)C=C1)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Kelly RP, et al. Diabetes Obes Metab. 2015 Apr;17(4):414-22. 2. Grover S, et al. BMC Bioinformatics. 2014;15 Suppl 16:S13. 3. Kazda CM, et al. Diabetes Obes Metab. 2017 Aug;19(8):1071-1077.