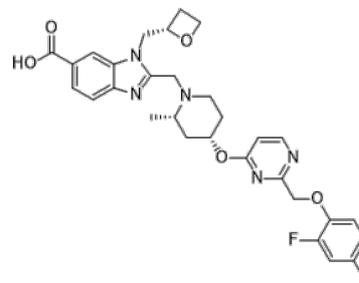


Product Name : CT-996
Cat. No. : PC-26360
CAS No. : 2810808-95-6
Molecular Formula : C₃₀H₃₁F₂N₅O₅
Molecular Weight : 579.60
Target : Glucagon Receptor
Solubility : 10 mM in DMSO



CAS: 2810808-95-6

Biological Activity

Tifeglipron (CT-996, RO7795081, RG6652) is a potent, selective and orally active glucagon-like peptide 1 receptor (GLP-1R) agonist with EC₅₀ of 0.49 nM.

CT-996 reduces the β -arrestin recruitment and GLP-1R internalization.

CT-996 suppresses postprandial blood glucose following a mixed meal tolerance test (MMTT) in mice expressing the human GLP-1 receptor and enhances glucose stimulated insulin secretion (GSIS) during an intravenous glucose challenge in obese monkeys.

References

Drucker DJ. GLP-1-based therapies for diabetes, obesity and beyond. *Nat Rev Drug Discov.* 2025 Aug;24(8):631-650.

JIAN LUO, et al. *Diabetes* 14 June 2024; 73 (Supplement_1): 771–P.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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