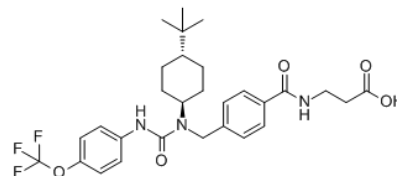


Product Name : GRA Ex-25
Cat. No. : PC-45839
CAS No. : 307983-31-9
Molecular Formula : C₂₉H₃₆F₃N₃O₅
Molecular Weight : 563.6085
Target : Glucagon Receptor
Solubility : DMSO: ≥ 32 mg/mL



Biological Activity

A potent glucagon receptor inhibitor with IC₅₀ of 56 and 55 nM for rat and human glucagon receptors; binds to human glucagon receptor with K_i of 63 nM, moderately inhibits glucagon induced adenylate cyclase (K_i=254 nM); significantly reduces blood glucose caused by exogenous administration of glucagon in rat model (3 mg/kg, i.v.).

Diabetes

Preclinical

References

Kurukulasuriya R, et al. Bioorg Med Chem Lett. 2004 May 3;14(9):2047-50.

Lau J, et al. J Med Chem. 2007 Jan 11;50(1):113-28.

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

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