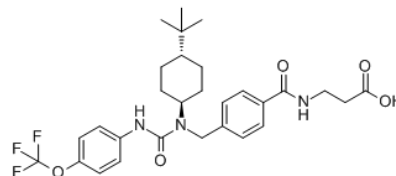


Product Name : GRA Ex-25
Cat. No. : PC-45839
CAS No. : 307983-31-9
Molecular Formula : C₂₉H₃₆F₃N₃O₅
Molecular Weight : 563.6085
Target : Glucagon Receptor
Solubility : DMSO: ≥ 32 mg/mL



Biological Activity

GRA Ex-25 is a potent **glucagon receptor** inhibitor with IC₅₀ of 56 and 55 nM for rat and human glucagon receptors. GRA Ex-25 binds to human glucagon receptor with K_i of 63 nM, moderately inhibits glucagon induced adenylate cyclase (K_i=254 nM). GRA Ex-25 significantly reduces blood glucose caused by exogenous administration of glucagon in rat model (3 mg/kg, i.v.).

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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