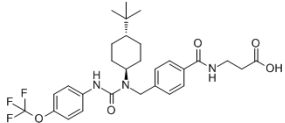


Product Name	: GRA Ex-25	
Synonyms	: GRA Ex-25; GRA Ex 25; GRA Ex25; GRAEx-25	
Cat No.	: M13984	
CAS Number	: 307983-31-9	
Molecular Formula	: C ₂₉ H ₃₆ F ₃ N ₃ O ₅	
Molecular Weight	: 563.61	
Chemical Name	β-Alanine, N-[4-[[[trans-4-(1,1-dimethylethyl)cyclohexyl]][[4-(trifluoromethoxy)phenyl]amino]carbonyl]amino]methyl]benzoyl]-	
Description	A potent glucagon receptor inhibitor with IC ₅₀ 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	
Pathway	: GPCR/G Protein	
Target	: Glucagon Receptor	
Receptor	: humanglucagonreceptor;ratglucagonreceptor	
Solubility	: DMSO: ≥ 32 mg/mL	
SMILES	: <chem>C[C@](C1CC[C@H](N(C(=O)C2=CC(OC(F)(F)F)=CC=2)=O)CC2=CC(C(NCCC(=O)O)=O)=CC=2)CC1)(C)C</chem>	
Storage	: (-20℃)	
Stability	: ≥ 2 years	
Reference	:	

1. Kurukulasuriya R, et al. Bioorg Med Chem Lett. 2004 May 3;14(9):2047-50. | 2. Lau J, et al. J Med Chem. 2007 Jan 11;50(1):113-28.

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