

Bay 55-9837

Cat. No.:	HY-P1160
CAS No.:	463930-25-8
Molecular Formula:	C ₁₄₈ H ₂₃₉ ClN ₄₄ O ₄₂
Molecular Weight:	3740.04
Sequence:	His-Ser-Asp-Ala-Val-Phe-Thr-Asp-Asn-Tyr-Thr-Arg-Leu-Arg-Lys-Gln-Val-Ala-Ala-Lys-Lys -Tyr-Leu-Gln-Ser-Ile-Lys-Asn-Lys-Arg-Tyr-NH2
Sequence Shortening:	HSDAVFTDNYTRLRKQVAAKKYLQSIKNKRY-NH2
Target:	GCGR
Pathway:	GPCR/G Protein
Storage:	Sealed storage, away from moisture and light, under nitrogen Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

BIOLOGICAL ACTIVITY

Description	Bay 55-9837 is a potent and highly selective agonist of VPAC2, with a K _d of 0.65 nM. Bay 55-9837 may be a useful therapy for the research of type 2 diabetes ^[1] .
IC ₅₀ & Target	Kd: 0.65 nM (VPAC2) ^[1]

REFERENCES

[1]. Tsutsumi M, et, al. A potent and highly selective VPAC2 agonist enhances glucose-induced insulin release and glucose disposal: a potential therapy for type 2 diabetes. Diabetes. 2002 May; 51(5): 1453-60.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA