

HCGRP-(8-37)

Cat. No.:	HY-P1014
CAS No.:	119911-68-1
Molecular Formula:	C ₁₃₉ H ₂₃₀ N ₄₄ O ₃₈
Molecular Weight:	3125.59
Sequence:	Val-Thr-His-Arg-Leu-Ala-Gly-Leu-Leu-Ser-Arg-Ser-Gly-Gly-Val-Val-Lys-Asn-Asn-Phe-Val -Pro-Thr-Asn-Val-Gly-Ser-Lys-Ala-Phe
Sequence Shortening:	VTHRLAGLLSRSGGVKNNFVPTNVGSKAF
Target:	CGRP Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years -20°C 1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : ≥ 20 mg/mL (6.40 mM)				
	* "≥" means soluble, but saturation unknown.				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	0.3199 mL	1.5997 mL	3.1994 mL
		5 mM	0.0640 mL	0.3199 mL	0.6399 mL
10 mM		---	---	---	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: PBS Solubility: 20 mg/mL (6.40 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	HCGRP-(8-37) is a human calcitonin gene-related peptide (hCGRP) fragment and also an antagonist of CGRP receptor.
IC ₅₀ & Target	CGRP receptor ^[1]

CUSTOMER VALIDATION

-
- Turk J Biochem. 2021 Mar 1.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Chiba T, et al. Calcitonin gene-related peptide receptor antagonist human CGRP-(8-37). Am J Physiol. 1989 Feb;256(2 Pt 1):E331-5.

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