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Product Data Sheet

Inhibitors • Screening Libraries • Proteins

Adrenomedullin (16-31), human

Cat. No.:	HY-P1770				
CAS No.:	318480-38-5				
Molecular Formula:	C ₈₂ H ₁₂₉ N ₂₅ O ₂₁ S ₂				
Molecular Weight:					
Sequence:	Cys-Arg-Phe-Gly-Thr-Cys-Thr-Val-Gln-Lys-Leu-Ala-His-Gln-Ile-Tyr-NH2				
Sequence Shortening:	CRFGTCTVQKLAHQIY-NH2				
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

	Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg	10 mg
P		1 mM	0.5361 mL	2.6807 mL	5.3614 mL
	5 mM	0.1072 mL	0.5361 mL	1.0723 mL	
		10 mM	0.0536 mL	0.2681 mL	0.5361 mL

BIOLOGICAL ACTIV	
BIOLOGICALMOINT	
Description	Adrenomedullin (16-31), human is amino acid residues 16-31 fragment of human adrenomedullin (hADM). Adrenomedullin has appreciable affinity for the CGRP1 receptor. Adrenomedullin (16-31), human possesses pressor activity in the systemic vascular bed of the rat, but not the cat ^[1] .

REFERENCES

[1]. Champion HC, et al. Adrenomedullin (16-31) has pressor activity in the rat but not the cat. Peptides. 1997;18(1):133-6.

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

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