

Rev01
Update: Dec,28,2022

DATASHEET

Adrenomedullin (AM) (1-52), human

Cat. No.: RP11288

Overview

Description	Adrenomedullin (1-52) is a potent hypotensive peptide hormone with some structural similarity to calcitonin gene-related peptide. Adrenomedullin (1-52) has vasodilatory properties.
Cas No	148498-78-6
Sequence	{TYR}{ARG}{GLN}{SER}{MET}{ASN}{ASN}{PHE}{GLN}{GLY}{LEU}{ARG}{SER}{PHE}{GLY}{CYS}{ARG}{PHE}{GLY}{THR}{CYS}{THR}{VAL}{GLN}{LYS}{LEU}{ALA}{HIS}{GLN}{ILE}{TYR}{GLN}{PHE}{THR}{ASP}{LYS}{ASP}{LYS}{ASP}{ASN}{VAL}{ALA}{PRO}{ARG}{SER}{LYS}{ILE}{SER}{PRO}{GLN}{GLY}{TYR}-NH ₂
Sequence Shortening	YRQSMNNFQGLRSFGCRFGTCTVQKLAHQIYQFTDKDKDNVAPRSKISPQGY-NH ₂
Molecular Formula	C ₂₆₄ H ₄₀₆ N ₈₀ O ₇₇ S ₃
C Terminal	NH ₂
Disulfide Bridge	Cys16-Cys21
Molecular Weight	6028.9

Properties

Purity	> 95%
Solubility	The peptide is soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weight out a smaller portion of the contents.
Form	Lyophilized
Storage	Before use, store the peptide in the DRY form at 0-5°C. For best and most repeatable results, rehydrate the peptide immediately before use. Do not re-freeze any unused portions.
Note	The peptide elicits a potent and long lasting hypotensive effect. Adrenomedullin (1-52), as supplied is intended for research use only, Do not use it to diagnose or treat any disease.