

Calcitonin Gene Related Peptide (CGRP), rat

Cat. No.: RP11095

Overview

Synonyms	CGRP, ratCGRP-I; α -CGRP
Description	Calcitonin Gene Related Peptide (rat) is a potent, long-lasting vasodilator; activation of CGRP receptors on pancreatic β -cells increases plasma levels of pancreatic enzymes.
Cas No	96827-03-1
Sequence	{SER}{CYS}{ASN}{THR}{ALA}{THR}{CYS}{VAL}{THR}{HIS}{ARG}{LEU}{ALA}{GLY}{LEU}{LEU} {SER}{ARG}{SER}{GLY}{GLY}{VAL}{VAL}{LYS}{ASP}{ASN}{PHE}{VAL}{PRO}{THR}{ASN}{VAL} {GLY}{SER}{GLU}{ALA}{PHE}-NH ₂
Sequence Shortening	SCNTATCVTHRLAGLLSRSGGVKDNFVPTNVGSEAF-NH ₂
Molecular Formula	C ₁₆₂ H ₂₆₂ N ₅₀ O ₅₂ S ₂
C Terminal	NH ₂
Disulfide Bridge	Cys2-Cys7
Molecular Weight	3806.25

Properties

Purity	> 95%
Solubility	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 using, store the peptide in the DRY form at 0-5°C. For best and repeatable results, rehydrate the peptide immediately before using. Do not re-freeze any unused portions.