

Rev03
Update: Feb,10,2022

DATASHEET

Bradykinin

Cat. No.: RP11129

Overview

Description	Bradykinin is an activate pain receptors. Bradykinin induces smooth muscle contraction; activates Ca ²⁺ -dependent nitric oxide synthetase. Bradykinin can also increase capillary permeability. Bradykinin is a potent stimulator of nitric oxide formation by vascular endothelium. Bradykinin also stimulates prostacyclin formation.
Cas No	5979-11-3
Sequence	{ARG}{PRO}{PRO}{GLY}{PHE}{SER}{PRO}{PHE}{ARG}
Sequence Shortening	RPPGFSPFR
Molecular Formula	C ₅₀ H ₇₃ N ₁₅ O ₁₁
Molecular Weight	1060.2

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 weigh out a smaller portion of the contents.
Form	Lyophilized
Storage	Store the peptide at -20°C. Keep container tightly closed.