

Rev03
Update: Feb,10,2022

DATASHEET

Kassinin

Cat. No.: RP10461

Overview

Description	Kassinin is a tachykinin peptide with substance P-like activity. Tachykinins are active peptides which excite neurons, evoke behavioral responses, are potent vasodilators and secretagogues, and contract (directly or indirectly) many smooth muscles. The effect of the tachykinin dodecapeptide kassinin on endocrine pancreatic function was examined in the rat and compared to that of substance P, a neuropeptide which is structurally closely related to kassinin.
Sequence	{ASP}{VAL}{PRO}{LYS}{SER}{ASP}{GLN}{PHE}{VAL}{GLY}{LEU}{MET}-NH ₂
Sequence Shortening	DVPKSDQFVGLM-NH ₂
Molecular Formula	C ₅₉ H ₉₅ N ₁₅ O ₁₈ S ₁
C Terminal	NH ₂
Molecular Weight	1334.55

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	Storage at -20°C. Keep tightly closed.