

Substance P**Cat. No.:** RP10178**Size:** 5 mg**Description:**

Substance P is found in the gut and in the brain. It is responsible for a number of excitatory effects on both central and peripheral neurons. Substance P contracts smooth muscle, constricts bronchioles, and increases capillary permeability. When released from afferent nerves, Substance P causes a neurogenic inflammatory response, including mast cell degranulation. It's an NK-1 agonist; a potent vasodilator and hypotensive agent; it induces salivation; it's a putative neurotransmitter in sensory (pain) afferents.

Cas No: 33507-63-0**C-Terminal:** NH₂**Sequence (one-letter code):**RPKPQQFFGLM-NH₂**Sequence (three-letter code):**{ARG}{PRO}{LYS}{PRO}{GLN}{GLN}{PHE}{PHE}{GLY}{LEU}{MET}-NH₂**Solubility:** Soluble in water (1 mg/ml)**Formula:** C₆₃H₉₈N₁₈O₁₃S₁**Molecular Weight:** 1,347.63**Purity:** > 95%**Storage:**

Store the peptide at -20°C. Keep container tightly closed.

Note:

*For Non-Clinical Research Use Only *

