

DATASHEET

Version: 2016-08-18

[Nle¹¹]-Substance P**Cat. No.:** RP10207**Size:** 1 mg**Description:**

Substance P was found in the gut as well as 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. NK-1 agonist; potent vasodilator and hypotensive agent; induces salivation; putative neurotransmitter in sensory (pain) afferents. [Nle¹¹]-Substance P is a Substance P analog that avoids methionine oxidation problems.

Cas No: 57462-42-7**C-Terminal:** NH₂**Sequence (one-letter code):**RPPKQQFFGL-Nle-NH₂**Sequence (three-letter code):**{ARG}{PRO}{LYS}{PRO}{GLN}{GLN}{PHE}{PHE}{GLY}{LEU}{NLE}-NH₂**Formula:** C₆₄H₁₀₀N₁₈O₁₃**Molecular Weight:** 1,329.59**Purity:** > 95%**Storage:**

Store at -20°C. Keep tightly closed. Store in a cool dry place.

Note:

*For Non-Clinical Research Use Only *

860 Centennial Ave., Piscataway, NJ 08854, USAToll-Free: 1-877-436-7274 Tel: 1-732-885-9188 Fax: 1-732-210-0262 Email: product@genscript.com Web: www.genscript.com

