

## [Tyr8,Nle11] Substance P

Cat. No.:	HY-P3933
CAS No.:	71890-48-7
Molecular Formula:	C <sub>64</sub> H <sub>100</sub> N <sub>18</sub> O <sub>14</sub>
Molecular Weight:	1345.59
Sequence Shortening:	RPKPQQFYGL-{Nle}-NH <sub>2</sub>
Target:	Neurokinin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

[Tyr8,Nle11] Substance P is a [Substance P](#) (HY-P0201) analog. Substance P is a peptide mainly secreted by neurons and is involved in many biological processes, including nociception and inflammation<sup>[1]</sup>.

### REFERENCES

[1]. Mashaghi A, et al. Neuropeptide substance P and the immune response. Cell Mol Life Sci. 2016 Nov;73(22):4249-4264.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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