

## Substance P (2-11)

Cat. No.:	HY-P3896
CAS No.:	53749-61-4
Molecular Formula:	C <sub>57</sub> H <sub>86</sub> N <sub>14</sub> O <sub>12</sub> S
Molecular Weight:	1191.44
Sequence Shortening:	PKPQQFFGLM-NH2
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Substance P (2-11) is a substance P (SP) fragment peptide. Substance P (2-11) has contracting activities on guinea pig ileum. Substance P (2-11) inhibits the permeation of <sup>3</sup>H SP in BBMEC monolayers<sup>[1][2]</sup>.

### REFERENCES

[1]. Yanaihara N, et al. Immunological aspects of secretin, substance P, and VIP. *Gastroenterology*. 1977 Apr;72(4 Pt.2):803-10.

[2]. Chappa AK, et al. Characteristics of substance P transport across the blood-brain barrier. *Pharm Res*. 2006 Jun;23(6):1201-8.

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

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