

[Sar9] Substance P

Cat. No.:	HY-P1738
CAS No.:	77128-75-7
Molecular Formula:	C ₆₄ H ₁₀₀ N ₁₈ O ₁₃ S
Molecular Weight:	1361.66
Sequence:	Arg-Pro-Lys-Pro-Gln-Gln-Phe-Phe-{SAR}-Leu-Met-NH ₂
Sequence Shortening:	RPKPQQFF-{SAR}-LM-NH ₂
Target:	Neurokinin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Sealed storage, away from moisture and light, under nitrogen Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

BIOLOGICAL ACTIVITY

Description	[Sar9] Substance P is a potent and selective neurokinin (NK)-1 receptor agonist ^[1] .
IC ₅₀ & Target	Neurokinin (NK)-1 receptor ^[1]

REFERENCES

[1]. Lieberman DN, et al. Substance P enhances NMDA channel function in hippocampal dentate gyrus granule cells. J Neurophysiol. 1998 Jul;80(1):113-9.

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

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