

Dynamin inhibitory peptide

Cat. No.:	HY-P1083
CAS No.:	251634-21-6
Molecular Formula:	C ₄₇ H ₈₀ N ₁₈ O ₁₄
Molecular Weight:	1121.25
Sequence:	Gln-Val-Pro-Ser-Arg-Pro-Asn-Arg-Ala-Pro
Sequence Shortening:	QVPSRPNRAP
Target:	Dynamin
Pathway:	Cytoskeleton
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	Dynamin inhibitory peptide competitively blocks binding of dynamin to amphiphysin, thus preventing endocytosis. Dynamin inhibitory peptide blocks the dopamine D3 effect on GABA _A receptors ^[1] .
In Vitro	Dynamin inhibitory peptide (50 μM) inhibits GABA _A R endocytosis ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Guojun Chen, et al. Dopamine D3 receptors regulate GABA_A receptor function through a phospho-dependent endocytosis mechanism in nucleus accumbens. J Neurosci. 2006 Mar 1;26(9):2513-21.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA