

[Glp1]-FGL peptide acetate

Cat. No.:	HY-P3532	
Molecular Formula:	C ₇₁ H ₁₁₄ N ₂₀ O ₂₄	
Molecular Weight:	1691.83	
Sequence:	{Glp}-Val-Tyr-Val-Val-Ala-Glu-Asn-Gln-Gln-Gly-Lys-Ser-Lys-Ala	{Glp}-VYVVAENQQGKSKA (acetate salt)
Sequence Shortening:	{Glp}-VYVVAENQQGKSKA	
Target:	Others	
Pathway:	Others	
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)	

SOLVENT & SOLUBILITY

In Vitro

H₂O : 10 mg/mL (5.91 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		0.5911 mL	2.9554 mL	5.9108 mL
	5 mM		0.1182 mL	0.5911 mL	1.1822 mL
	10 mM		---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

[Glp1]-FGL peptide acetate is a neural cell adhesion molecule (NCAM) derived motif and can be used for the research of neurogenesis^[1].

REFERENCES

[1]. Hao Z, et al. Supramolecular Peptide Nanofiber Hydrogels for Bone Tissue Engineering: From Multihierarchical Fabrications to Comprehensive Applications. Adv Sci (Weinh). 2022 Apr;9(11):e2103820.

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