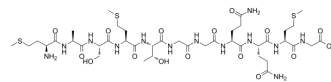


T7 Tag Peptide

Cat. No.:	HY-P0327
CAS No.:	245445-88-9
Molecular Formula:	C ₄₁ H ₇₁ N ₁₃ O ₁₆ S ₃
Molecular Weight:	1098.27
Sequence:	Met-Ala-Ser-Met-Thr-Gly-Gly-Gln-Gln-Met-Gly
Sequence Shortening:	MASMTGGQQMG
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 : 1.79 mg/mL (1.63 mM; ultrasonic and adjust pH to 3 with HCl)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	0.9105 mL	4.5526 mL	9.1052 mL
5 mM	---	---	---
10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

T7 Tag Peptide is a protein tag derived from the N-terminal 11 residues of the major T7 capsid protein, gp 10. T7 Tag Peptide can be used in different immunoassays as well as affinity purification^[1].

CUSTOMER VALIDATION

- ACS Appl Nano Mater. September 20, 2021.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Tsutomu Tanaka, et al. A Peptidyl Linker for Protein Cross-Linking Catalyzed by Microbial Transglutaminase. The Society of Chemical Engineers, Japan. Session ID : 3J-11.

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

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