

T7 Tag Peptide TFA

Cat. No.:	HY-P0327A	
Molecular Formula:	C ₄₃ H ₇₂ F ₃ N ₁₃ O ₁₈ S ₃	
Molecular Weight:	1212.29	
Sequence Shortening:	MASMTGGQQMG	MASMTGGQQMG (TFA salt)
Target:	Others	
Pathway:	Others	
Storage:	Sealed storage, away from moisture	
	Powder	-80°C 2 years
		-20°C 1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)	

SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (41.24 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	0.8249 mL	4.1244 mL	8.2489 mL
		5 mM	0.1650 mL	0.8249 mL	1.6498 mL
	10 mM	0.0825 mL	0.4124 mL	0.8249 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (2.06 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (2.06 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.06 mM); Clear solution 				

BIOLOGICAL ACTIVITY

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

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- 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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