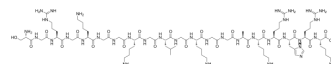


## Histone H4 (2-21)

Cat. No.:	HY-P1958
CAS No.:	667899-73-2
Molecular Formula:	C <sub>82</sub> H <sub>150</sub> N <sub>36</sub> O <sub>22</sub>
Molecular Weight:	1992.3
Sequence:	Ser-Gly-Arg-Gly-Lys-Gly-Gly-Lys-Gly-Leu-Gly-Lys-Gly-Gly-Ala-Lys-Arg-His-Arg-Lys
Sequence Shortening:	SGRGKGGKGLGKGGAKRHRK
Target:	HSV
Pathway:	Anti-infection
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	H <sub>2</sub> O : 100 mg/mL (50.19 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
			1 mM	0.5019 mL	2.5097 mL	5.0193 mL
			5 mM	0.1004 mL	0.5019 mL	1.0039 mL
			10 mM	0.0502 mL	0.2510 mL	0.5019 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (50.19 mM); Clear solution; Need ultrasonic					

### BIOLOGICAL ACTIVITY

Description	Histone H4 (2-21) is the core histones associated with chromatinization of herpes simplex virus 1 (HSV-1) genomes <sup>[1]</sup> .
IC <sub>50</sub> & Target	HSV-1

### REFERENCES

[1]. Conn KL, et al. Core histones H2B and H4 are mobilized during infection with herpes simplex virus 1. J Virol. 2011 Dec;85(24):13234-52.

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

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