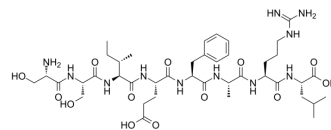


HSV-gB2 (498-505)

Cat. No.:	HY-P1862
CAS No.:	149997-91-1
Molecular Formula:	C ₄₁ H ₆₇ N ₁₁ O ₁₃
Molecular Weight:	922.04
Sequence:	Ser-Ser-Ile-Glu-Phe-Ala-Arg-Leu
Sequence Shortening:	SSIEFARL
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 : 5.88 mg/mL (6.38 mM; ultrasonic and adjust pH to 3 with HCl)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.0846 mL	5.4228 mL	10.8455 mL
5 mM	0.2169 mL	1.0846 mL	2.1691 mL
10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

HSV-gB2 (498-505) is an immunodominant epitope from herpes simplex virus (HSV) glycoprotein B residues 498-505, acts as H-2Kb-restricted and HSV-1/2-cross-reactive cytotoxic T-lymphocyte (CTL) recognition epitope^[1].

REFERENCES

[1]. Bonneau RH, et al. Epitope specificity of H-2Kb-restricted, HSV-1-, and HSV-2-cross-reactive cytotoxic T lymphocyte clones. *Virology*. 1993 Jul;195(1):62-70.

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

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