

LCMV gp33-41

Cat. No.: HY-P1569
CAS No.: 151705-84-9
Molecular Formula: FTKNVY
Molecular Weight: 1044.22
Sequence: Lys-Ala-Val-Tyr-Asn-Phe-Ala-Thr-Met
Sequence Shortening: KAVYNFATM
Target: Arenavirus
Pathway: Anti-infection
Storage: Sealed storage, away from moisture

KAVYNFATM

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

H₂O : 12.5 mg/mL (11.97 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.9577 mL	4.7883 mL	9.5765 mL
	5 mM	0.1915 mL	0.9577 mL	1.9153 mL
	10 mM	0.0958 mL	0.4788 mL	0.9577 mL

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

BIOLOGICAL ACTIVITY

Description

LCMV gp33-41, the carboxyl-extended 11-aa-long peptide, is an lymphocytic choriomeningitis virus sequence restricted by MHC class I H-2Db molecules and presented to cytotoxic T lymphocytes^[1].

REFERENCES

[1]. Gairin JE, et al. Optimal lymphocytic choriomeningitis virus sequences restricted by H-2Db major histocompatibility complex class I molecules and presented to cytotoxic T lymphocytes. J Virol. 1995 Apr;69(4):2297-305.

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

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