

2F5 epitope

Cat. No.:	HY-P4020
CAS No.:	470704-11-1
Molecular Formula:	C ₇₆ H ₁₁₃ N ₁₇ O ₂₂
Molecular Weight:	1616.81
Sequence Shortening:	ELLELDKWASLWN
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	2F5 epitope, a peptide gp41 (659-671), comprises the entire epitope for one of the three known antibodies capable of neutralizing a broad spectrum of primary HIV-1 isolates and is the only such epitope that is sequential. 2F5 epitope is recognized by broadly neutralizing antibodies 2F5 ^{[1][2]} .
--------------------	--

REFERENCES

[1]. Zohar Biron, et al. A monomeric 3(10)-helix is formed in water by a 13-residue peptide representing the neutralizing determinant of HIV-1 on gp41. *Biochemistry*. 2002 Oct 22;41(42):12687-96.

[2]. Yougang Zhai, et al. Bovine papillomavirus-like particles presenting conserved epitopes from membrane-proximal external region of HIV-1 gp41 induced mucosal and systemic antibodies. *Vaccine*. 2013 Nov 4;31(46):5422-9.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA