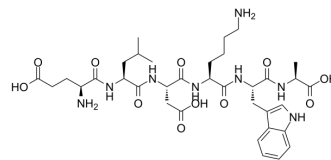


ELDKWA

Cat. No.:	HY-P4025
CAS No.:	152051-21-3
Molecular Formula:	C ₃₅ H ₅₂ N ₈ O ₁₁
Molecular Weight:	760.83
Sequence Shortening:	ELDKWA
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ELDKWA is the highly conserved amino acids on the ecto-domain of gp41. ELDKWA acts as the epitope of a neutralizing monoclonal antibody 2F5 (mAb 2F5) directed against human immunodeficiency virus type 1 ^{[1][2]} .
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REFERENCES

- [1]. T Muster, et al. Cross-neutralizing activity against divergent human immunodeficiency virus type 1 isolates induced by the gp41 sequence ELDKWAS. J Virol. 1994 Jun;68(6):4031-4.
- [2]. Y Tian, et al. Structure-affinity relationships in the gp41 ELDKWA epitope for the HIV-1 neutralizing monoclonal antibody 2F5: effects of side-chain and backbone modifications and conformational constraints. J Pept Res. 2002 Jun;59(6):264-76.

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

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