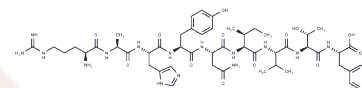


## Human Papillomavirus (HPV) E7 protein (49-57)

## Chemical Properties

CAS No. :	151812-18-9
Formula:	C52H77N15O13
Molecular Weight:	1120.26
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Human Papillomavirus (HPV) E7 protein (49-57) is the H-2d-restricted HPV E749-57 epitope.
Targets(IC50)	Virus Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8926 mL	4.4632 mL	8.9265 mL
5 mM	0.1785 mL	0.8926 mL	1.7853 mL
10 mM	0.0893 mL	0.4463 mL	0.8926 mL
50 mM	0.0179 mL	0.0893 mL	0.1785 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Ding Z, et al. Cytolytic activity of the human papillomavirus type 16 E711-20 epitope-specific cytotoxic T lymphocyte is enhanced by heat shock protein 110 in HLA-A\*0201 transgenic mice. Clin Vaccine Immunol. 2013 Jul; 20(7):1027-33.

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