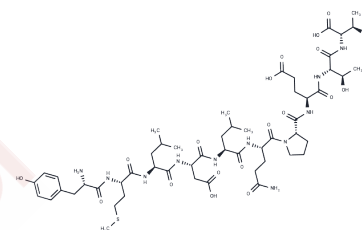


HPV16-E711-20 epitope

Chemical Properties

CAS No. :	160040-04-0
Formula:	C53H83N11O19S
Molecular Weight:	1210.35
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	HPV16-E711-20 epitope is a well-known HLA-A*0201-restricted human cytotoxic T lymphocyte (CTL) epitope of the HPV16 E7 protein, demonstrating high-affinity binding to HLA-A2 in vitro.
Targets(IC50)	Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8262 mL	4.131 mL	8.2621 mL
5 mM	0.1652 mL	0.8262 mL	1.6524 mL
10 mM	0.0826 mL	0.4131 mL	0.8262 mL
50 mM	0.0165 mL	0.0826 mL	0.1652 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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