

PADRE peptide

Chemical Properties

CAS No. :	161147-59-7
Formula:	C ₆₅ H ₁₀₂ N ₁₆ O ₁₅
Molecular Weight:	1347.63
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	PADRE peptide is a universal peptide epitope. It binds to the pan HLA-DR receptor on specific T cells. PADRE peptide can be incorporated into either the Trichodysplasia Spinulosa-associated polyomavirus (TSPyV) VP1 protein or hamster polyomavirus (HaPyV)-derived VP1 to construct chimeric virus-like particles (VLPs), thereby activating dendritic cells and T cells and inducing a strong immune response. PADRE peptide is useful in vaccine development.
Targets(IC50)	MHC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.742 mL	3.7102 mL	7.4204 mL
5 mM	0.1484 mL	0.742 mL	1.4841 mL
10 mM	0.0742 mL	0.371 mL	0.742 mL
50 mM	0.0148 mL	0.0742 mL	0.1484 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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