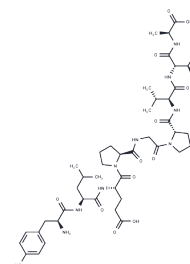


G280-9

Chemical Properties

CAS No. :	156761-76-1
Formula:	C44H67N9O14
Molecular Weight:	946.05
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	The G280-9 peptide, a common melanoma gp100 epitope restricted by MHC-associated HLA-A2. The G280-9 sequence is unique because it could be recognized by cytotoxic T lymphocytes at very low concentrations, however it shows low total immunogenicity that may be attributable to relatively low affinity of this peptide for the HLA-A2.
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Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.057 mL	5.2851 mL	10.5703 mL
5 mM	0.2114 mL	1.057 mL	2.1141 mL
10 mM	0.1057 mL	0.5285 mL	1.057 mL
50 mM	0.0211 mL	0.1057 mL	0.2114 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

Pass HA, et al. Immunization of patients with melanoma peptide vaccines: immunologic assessment using the ELISPOT assay. Cancer J Sci Am. 1998 Sep-Oct;4(5):316-23.

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