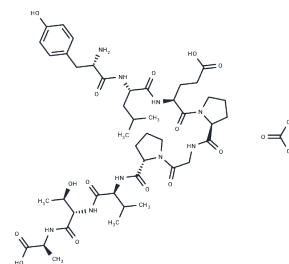


G280-9 acetate(156761-76-1 free base)

Chemical Properties

CAS No. : TP1543L
Formula: C₄₆H₇₁N₉O₁₆
Molecular Weight: 1006.12
Appearance: no data available
Storage: keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	G280-9 acetate is 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.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 10 mM, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9939 mL	4.9696 mL	9.9392 mL
5 mM	0.1988 mL	0.9939 mL	1.9878 mL
10 mM	0.0994 mL	0.497 mL	0.9939 mL
50 mM	0.0199 mL	0.0994 mL	0.1988 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.

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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