

Gp100 (25-33), human TFA (212370-40-6 free base)

Chemical Properties

CAS No. :

Formula: C54H83F3N16O16

Molecular Weight: 1269.33

Appearance:

Storage: keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Gp100 (25-33), human TFA is a 25-33 amino acid fragment of human melanoma antigen. Gp100 (25-33), human TFA is a 9-amino acid (AA) epitope restricted by h-2db and recognized by T cells.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7878 mL	3.9391 mL	7.8782 mL
5 mM	0.1576 mL	0.7878 mL	1.5756 mL
10 mM	0.0788 mL	0.3939 mL	0.7878 mL
50 mM	0.0158 mL	0.0788 mL	0.1576 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

Overwijk WW, et al. gp100/pmel 17 is a murine tumor rejection antigen: induction of "self"-reactive, tumoricidal T cells using high-affinity, altered peptide ligand. J Exp Med. 1998 Jul 20;188(2):277-86.

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