

Data Sheet (Cat.No.T19410)

M2e, human

Chemical Properties

CAS No.:	251359-24-7
Formula:	C107H170N32O41S2
Molecular Weight:	2624.81
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	M2e, human is a valid and versatile vaccine candidate to protect against any strain of human influenza A. M2e, human, consisting of the 23 extracellular residues of M2 (the third integral membrane protein of influenza A), has been remarkably conserved in all human influenza A.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.381 mL	1.905 mL	3.81 mL
5 mM	0.076 mL	0.381 mL	0.762 mL
10 mM	0.038 mL	0.19 mL	0.381 mL
50 mM	0.008 mL	0.038 mL	0.076 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. De Filette M, et al. Improved design and intranasal delivery of an M2e-based human influenza A vaccine. *Vaccine*. 2006 Nov 10;24(44-46):6597-601.

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