



**LKT Laboratories, Inc.**  
**FluM1 A2 Peptide (58-66)**

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**Product Information**

**Product ID** F4580

**CAS No.** 141368-69-6

**Chemical Name**

**Synonym** CEF1, Influenza Matrix Protein M1 (58 - 66),

**Formula** C<sub>49</sub>H<sub>75</sub>N<sub>9</sub>O<sub>11</sub>

**Formula Wt.** 966.2

**Melting Point**

**Purity** ≥95%

**Solubility**

**Store Temp** -20° C

**Ship Temp** Ambient

**Description** M1 A2 (58-66) is an epitope of influenza matrix protein M1 that is recognizable by CD8+ T cells; this epitope could be used in the design of influenza vaccines.

Gly-Ile-Leu-Gly-Phe-Val-Phe-Thr-Leu

**Pricing and Availability**

*Bulk quantities available upon request*

<b>Product ID</b>	<b>Size</b>	<b>List Price</b>
F4580	1 mg	\$69.10
F4580	2 mg	\$116.60
F4580	5 mg	\$208.00

**References** Zhou V, Yassai MB, Regunathan J, et al. The functional CD8 T cell memory recall repertoire responding to the influenza A M1(58-66) epitope is polyclonal and shows a complex clonotype distribution. Hum Immunol. 2013 Jul;74(7):809-17. PMID: 23295548.

Petrova GV, Naumova EN, Gorski J. The polyclonal CD8 T cell response to influenza M158-66 generates a fully connected network of cross-reactive clonotypes to structurally related peptides: a paradigm for memory repertoire coverage of novel epitopes or escape mutants. J Immunol. 2011 Jun 1;186(11):6390-7. PMID: 21518969.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.