



LKT Laboratories, Inc.

SIVmac239-2

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## Product Information

Product ID S3586

CAS No.

Chemical Name

Synonym

Formula  $C_{70}H_{123}N_{19}O_{25}$

Formula Wt. 1630.87

Melting Point

Purity  $\geq 95\%$

Solubility

Store Temp  $-20^{\circ}C$

Ship Temp Ambient

**Description** SIVmac239 is a highly pathogenic strain of simian immunodeficiency virus; it is a primate analog of HIV that is designed to study the effects of the immunodeficiency virus in Rhesus macaques. Like HIV, SIVmac239 primarily infects lymphoid and myeloid cells. This sequence is a peptide fragment.

H-Asn-Ser-Val-Leu-Ser-Gly-  
Lys-Lys-Ala-Asp-Glu-Leu-Glu-  
Lys-Ile-OH

## Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
S3586	1 mg	\$100.80
S3586	2 mg	\$170.10
S3586	5 mg	\$302.30

**References** Münch J, Sauermann U, Yolamanova M, et al. Effect of semen and seminal amyloid on vaginal transmission of simian immunodeficiency virus. *Retrovirology*. 2013 Dec 5;10:148. PMID: 24308721.

Xu Y, Weatherall C, Bailey M, et al. Simian immunodeficiency virus infects follicular helper CD4 T cells in lymphoid tissues during pathogenic infection of pigtail macaques. *J Virol*. 2013 Apr;87(7):3760-73. PMID: 23325697.

Luciw PA, Shaw KE, Unger RE, et al. Genetic and biological comparisons of pathogenic and nonpathogenic molecular clones of simian immunodeficiency virus (SIVmac). *AIDS Res Hum Retroviruses*. 1992 Mar;8(3):395-402. PMID: 1571198.

Naidu YM, Kestler HW 3rd, Li Y, et al. Characterization of infectious molecular clones of simian immunodeficiency virus (SIVmac) and human immunodeficiency virus type 2: persistent infection of rhesus monkeys with molecularly cloned SIVmac. *J Virol*. 1988 Dec;62(12):4691-6. PMID: 2846880.

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