



LKT Laboratories, Inc.

Myelin Basic Protein (68-82), guinea pig

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Product Information

Product ID M9646

CAS No. 98474-59-0

Chemical Name

Synonym MBP

Formula $C_{71}H_{113}N_{23}O_{28}$

Formula Wt. 1736.8

Melting Point

Purity $\geq 95\%$

Solubility Soluble in water, DMSO.

Store Temp -20°C

Ship Temp Ambient

Description Myelin basic protein (68-82) is an immunodominant peptide epitope observed in multiple sclerosis; it may be used to induce immune tolerance and downregulate T cell reactivity to myelin.

H-Tyr-Gly-Ser-Leu-Pro-Gln-
Lys-Ser-Gln-Arg-Ser-Gln-
Asp-Glu-Asn-OH

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
M9646	1 mg	\$126.00
M9646	2 mg	\$214.30
M9646	5 mg	\$377.90

References Mantzourani ED, Platts JA, Brancale A, et al. Molecular dynamics at the receptor level of immunodominant myelin basic protein epitope 87-99 implicated in multiple sclerosis and its antagonists altered peptide ligands: triggering of immune response. J Mol Graph Model. 2007 Sep;26(2):471-81. PMID: 17392002.

Liu JQ, Bai XF, Shi FD, et al. Inhibition of experimental autoimmune encephalomyelitis in Lewis rats by nasal administration of encephalitogenic MBP peptides: synergistic effects of MBP 68-86 and 87-99. Int Immunol. 1998 Aug;10(8):1139-48. PMID: 9723700.

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