
Product Data Sheet

Product Name: Myelin Basic Protein(87-99) TFA

Cat. No.: GC69518

Chemical Properties

Cas. No.

Formula $C_{76}H_{115}N_{20}O_{19}F_3$ M.Wt 1669.82Solubility $H_2O : \geq 50 \text{ mg/mL (29.94 mM)}$ Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Myelin Basic Protein(87-99) TFA is an encephalitogenic peptide that induces basic protein-specific T cell proliferation. Myelin Basic Protein(87-99) TFA causes a Th1 polarization in peripheral blood mononuclear cells with is implicated of multiple sclerosis (MS)[1][2].

[1]. R E Jones, et al. The synthetic 87-99 peptide of myelin basic protein is encephalitogenic in Buffalo rats. J Neuroimmunol. 1992 Apr;37(3):203-12.

[2]. George Deraos, et al. Citrullination of linear and cyclic altered peptide ligands from myelin basic protein (MBP(87-99)) epitope elicits a Th1 polarized response by T cells isolated from multiple sclerosis patients: implications in triggering disease. J M

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA