

MOG (35-55) TFA

Chemical Properties

CAS No. :

Formula: C120H178F3N35O31S

Molecular Weight: 2695.97

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	MOG (35-55) TFA is a minor component of central nervous system myelin with encephalitogenic activity. It can induce T cell proliferation, activate Th1 cytokine responses, and elicit high levels of IgG antibodies, leading to relapsing-remitting central nervous system disease characterized by extensive plaque-like demyelination. It is commonly used to induce experimental autoimmune encephalomyelitis (EAE) models.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3709 mL	1.8546 mL	3.7092 mL
5 mM	0.0742 mL	0.3709 mL	0.7418 mL
10 mM	0.0371 mL	0.1855 mL	0.3709 mL
50 mM	0.0074 mL	0.0371 mL	0.0742 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Ichikawa M, et al. Analysis of the fine B cell specificity during the chronic/relapsing course of a multiple sclerosis-like disease in Lewis rats injected with the encephalitogenic myelin oligodendrocyte glycoprotein peptide 35-55. J Immunol. 1996 Jul 15;157(2):919-26.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481