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DATASHEET

MOG (35-55)

Product overview

Name	MOG (35-55)
Cat No	HB5273
Biological action	Agonist
Purity	>95%
Description	Myelin oligodendrocyte glycoprotein fragment. Induces experimental multiple sclerosis-like disease.

Biological Data

Biological description	Myelin oligodendrocyte glycoprotein fragment which is a component of CNS myelin. Induces experimental multiple sclerosis-like disease and induces T-cell mediated multiple sclerosis models. Also induces tolerogenic dendritic cells and supresses disease development in multiple sclerosis models when co-administered with ITE.

Solubility & Handling

Storage instructions	-20°C
Solubility overview	Soluble in water (1 mg/ml)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use

Chemical Data

Molecular Weight	2581.97
Molecular Formula	$C_{118}H_{177}N_{35}O_{29}S$
CAS Number	149635-73-4
PubChem identifier	24868190
Source	Synthetic
InChiKey	JMTCEFUSRHYJBF-DDJPMISGSA-N
Appearance	White solid

References

Rat and human myelin oligodendrocyte glycoproteins induce experimental autoimmune encephalomyelitis by different mechanisms in C57BL/6 mice.

Oliver AR et al (2003) Journal of immunology (Baltimore, Md. : 1950) 171
PubMedID 12817031

Reduced suppressive effect of CD4+CD25high regulatory T cells on the T cell immune response against myelin oligodendrocyte glycoprotein in patients with multiple sclerosis.

Haas J et al (2005) European journal of immunology 35
PubMedID 16206232