

Product Datasheet

COG 133 (orb654723)

Catalog Number	orb654723
Description	COG 133 is a fragment of Apolipoprotein E (APOE) peptide. COG 133 competes with the ApoE holoprotein for binding the LDL receptor, with potent anti-inflammatory and neuroprotective effects. COG 133 is also a nAChR antagonist with an IC50 of 445 nM[1][2]. Substantially reduces the symptoms of experimental autoimmune encephalomyelitis, a model of human multiple sclerosis, and suppresses inflammation, demyelination and infiltration of cells into the spinal cord. Also acts as a non-competitive antagonist at $\alpha 7$ nicotinic acetylcholine receptors (IC50 = 445 nM).
Note	For research use only
Formula	$C_{99}H_{182}F_3N_{37}O_{21}$
MW	2283.78
CAS Number	[514200-66-9]
SMILES	[Ac-LRVRLASHLRKLRKRL-NH2]
Expiration Date	12 months from date of receipt.

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