



COG133 (trifluoroacetate salt)

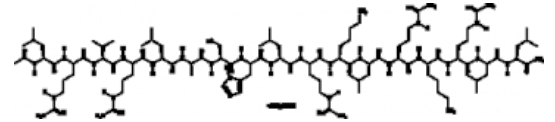
Cat No: 33587 - 1 mg

General Data

Shipping: dry ice

Formulation: A solid

Purity: ≥95%



Product Overview

COG133 is a peptide fragment of ApoE that corresponds to residues 133-149 of the ApoE LDL receptor-binding domain and an antagonist of $\alpha 7$ nicotinic acetylcholine receptors (nAChRs; $IC_{50} = 720$ nM).{61382,61383} It suppresses TNF- α and nitric oxide (NO) release in BV-2 microglia when used at concentrations ranging from 10 to 50 μ M.{61382} In vivo, COG133 reduces LPS-induced increases in brain levels of TNF- α and IL-6 in mice.{61384} It decreases hippocampal neuronal degeneration and the latency to find the platform in the Morris water maze in a mouse model of closed head injury induced by surgical midline impact when administered at doses of 203 and 406 μ g/kg.{61385} COG133 (1 mg/kg) also delays disease onset and reduces disease severity in a mouse model of experimental autoimmune encephalomyelitis (EAE).{61386}

FP/04/24

For research laboratory use only – Not for human diagnostic use.

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