

Oxidized low density lipoprotein (Human)

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Store at low temperature
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	Oxidized low density lipoprotein (Human) (Human ox-LDL) is the oxidized form of human low-density lipoprotein (LDL), used to study lipid transport and atherosclerosis. Human ox-LDL stimulates endothelial cell activation and adhesion molecule production, inhibits eNOS activity and NO generation, and activates NLRP3 inflammasomes in macrophages.
Targets(IC50)	NOS,NOD

Reference

Poznyak AV, et al. Overview of OxLDL and Its Impact on Cardiovascular Health: Focus on Atherosclerosis. Front Pharmacol. 2021 Jan 11;11:613780.

Parthasarathy S, et al. Oxidized low-density lipoprotein. Methods Mol Biol. 2010;610:403-417.

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