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## Product Data Sheet

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Product Name: Oxidized low density lipoprotein (Human)

Cat. No.: GC74298

### Chemical Properties

Cas. No.

Formula M.Wt

Solubility Storage Store at 2-8°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

### Background

Oxidized low density lipoprotein (Human) (Human ox-LDL) is involved in atherogenesis. Oxidized low density lipoprotein (Human) induces endothelial dysfunction via cytoplasmic adapter protein TRAF3IP2. Oxidized low density lipoprotein (Human) can stimulate the activation of endothelial cells and the production of adhesion molecules, and inhibits eNOS activity and NO production. Oxidized low density lipoprotein (Human) can activate NLRP3 inflammasome in macrophages.

References:

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

**Caution: Product has not been fully validated for medical applications. For research use only.**

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