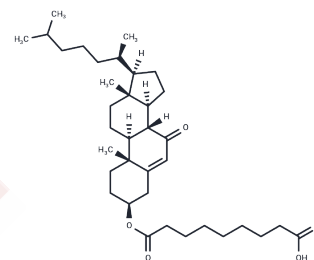


## oxLig-1

## Chemical Properties

CAS No. :	352523-18-3
Formula:	C <sub>36</sub> H <sub>58</sub> O <sub>5</sub>
Molecular Weight:	570.84
Storage:	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	OxLig-1 (7-Ketocholesteryl-9-carboxynonanoate) constitutes a lipid component of oxidized low-density lipoprotein (oxLDL) and serves as a critical ligand for $\beta$ -glycoprotein I ( $\beta$ (2)-GPI). It induces nuclear translocation by activating the NF- $\kappa$ B pathway. Additionally, oxLig-1 is utilized in the study of atherosclerosis (AS).
Targets(IC50)	NF- $\kappa$ B

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7518 mL	8.759 mL	17.518 mL
5 mM	0.3504 mL	1.7518 mL	3.5036 mL
10 mM	0.1752 mL	0.8759 mL	1.7518 mL
50 mM	0.035 mL	0.1752 mL	0.3504 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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