

## Cholesterol-13C3

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	Cholesterol-13C3 is a 13C-labeled version of cholesterol. Cholesterol (T0760) is a primary sterol in mammals and constitutes 20-25% of the plasma membrane structure. The plasma membrane exhibits high permeability to water but is relatively impermeable to ions and protons. Cholesterol (T0760) plays a crucial role in determining membrane fluidity and permeability characteristics, as well as affecting the function of transport and signaling proteins. Additionally, cholesterol acts as an endogenous agonist of estrogen-related receptor alpha (ERR $\alpha$ ).
Targets(IC50)	Estrogen Receptor/ERR,Endogenous Metabolite

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