

## Cholesterol Oxidase, Streptomyces sp.

### 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 Oxidase from Streptomyces sp. (EC 1.1.3.6) is a monomeric flavoprotein containing FAD that catalyzes the initial step in cholesterol catabolism. This bifunctional enzyme first oxidizes cholesterol to cholest-5-en-3-one in an FAD-dependent reaction, then isomerizes it to cholest-4-en-3-one, releasing H <sub>2</sub> O <sub>2</sub> in the process.
Targets(IC50)	Endogenous Metabolite

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