

Lysine Oxidase, Trichoderma viride

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	Lysine Oxidase, Trichoderma viride (EC 1.4.3.14), is a redox enzyme that acts on the CH-NH ₂ group of donors with oxygen as the acceptor. It plays a role in the degradation of lysine. The enzyme's three substrates are L-lysine, O ₂ , and H ₂ O, while its three products are 6-amino-2-oxohexanoate, NH ₃ , and H ₂ O ₂ .
Targets(IC ₅₀)	Endogenous Metabolite

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