

Oxalate oxidase, B. subtilis

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	Oxalate oxidase, B. subtilis (EC 1.2.3.4), is a redox enzyme that acts on the aldehyde or oxo group of donors using oxygen as the acceptor. It plays a role in the metabolism of glyoxylate and dicarboxylate. This enzyme requires two cofactors: FAD and manganese. The three substrates of oxalate oxidase, B are oxalate, O ₂ , and H ⁺ , while its two products are CO ₂ and H ₂ O ₂ .
Targets(IC50)	Endogenous Metabolite

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