

## Oxalate Oxidase

Cat. No.:	HY-E70385
CAS No.:	9031-79-2
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

## Oxalate Oxidase

### BIOLOGICAL ACTIVITY

#### Description

Oxalate Oxidase, or oxalate oxidase, catalyzes the oxidation of oxalic acid to hydrogen peroxide and carbon dioxide in the presence of oxygen. Oxalate Oxidase can be found in a variety of plants (such as barley) and microorganisms and can be used to treat wastewater and filtrates containing oxalic acid<sup>[1]</sup>.

### REFERENCES

- [1]. Cassland P, et al. Evaluation of oxalate decarboxylase and oxalate oxidase for industrial applications[J]. Applied biochemistry and biotechnology, 2010, 161: 255-263.
- [2]. Pierre Cassland, et al. Evaluation of oxalate decarboxylase and oxalate oxidase for industrial applications. Appl Biochem Biotechnol. 2010 May;161(1-8):255-63.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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