

Galactose oxidase

Cat. No.:	HY-P2910
CAS No.:	9028-79-9
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Galactose oxidase

BIOLOGICAL ACTIVITY

Description

Galactose oxidase (GOase) from fungus is often used in biochemical studies. Galactose oxidase is a type II copper metalloenzyme, and it containing a single polypeptide. Galactose oxidase catalyzes two-electron oxidation of primary alcohols to their corresponding aldehydes, coupling with the reduction of dioxygen to hydrogen peroxide^[1].

REFERENCES

[1]. Carina Figueiredo, et al. Electrochemical studies of galactose oxidase. *Electrochemical Science Advances*. Volume2, Issue5. October 2022. e2100171.

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

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