

Galactose Oxidase, *Dactylium dendroides*

Cat. No.:	HY-P2910	
CAS No.:	9028-79-9	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Galactose Oxidase, <i>Dactylium dendroides</i>
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 5 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description	Galactose Oxidase, <i>Dactylium dendroides</i> (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] .
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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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