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Zuschläge

- Mindermengenzuschlag
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- Expressversand

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Pyruvate oxidase, Aerococcus viridans

Cat. No.:	HY-P2891A	
CAS No.:	9001-96-1	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Pyruvate oxidase, Aerococcus viridans
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

Pyruvate oxidase, Aerococcus viridans (PoxB) is a thiamine pyrophosphate-dependent oxidase that catalyzes the oxidative decarboxylation of pyruvate to produce acetyl phosphate, carbon dioxide, and water. Pyruvate oxidase, Aerococcus viridans is an important enzyme in bacterial metabolism and can enhance ATP production. Additionally, Pyruvate oxidase, Aerococcus viridans can be used for the determination of aspartate aminotransferase and alanine aminotransferase activities^{[1][2]}.

REFERENCES

- [1]. Cornacchione LP, et al. Hydrogen peroxide-producing pyruvate oxidase from Lactobacillus delbrueckii is catalytically activated by phosphotidylethanolamine. BMC Microbiol. 2020 May 24;20(1):128.
- [2]. Isaeva OV, et al. Clinical course and outcomes of chronic viral hepatitis D in patients from Republic of Tuva as endemic region. Vopr Virusol. 2021 Mar 7;66(1):74-83. Russian.

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

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