

## Lactate oxidase, Microorganism

Cat. No.:	HY-134757	
CAS No.:	9028-72-2	
Target:	Others	
Pathway:	Others	Lactate oxidase, Microorganism
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 10 mg/mL (Need ultrasonic)
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### BIOLOGICAL ACTIVITY

Description	Lactate oxidase (EC 1.13.12.4) belongs to a group of FMN-dependent enzymes and they catalyze a conversion of lactate to pyruvate with a release of hydrogen peroxide. Lactate oxidase can be used in the detection of Lactate <sup>[1]</sup> .
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### REFERENCES

[1]. Ashok Y, et al. FMN-dependent oligomerization of putative lactate oxidase from *Pediococcus acidilactici*. PLoS One. 2020 Feb 24;15(2):e0223870.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA