

## Sarcosine oxidase, Bacillus

Cat. No.:	HY-P2861
CAS No.:	9029-22-5
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Sarcosine oxidase, Bacillus

### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 100 mg/mL (Need ultrasonic)
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### BIOLOGICAL ACTIVITY

Description	Sarcosine oxidase, Bacillus (SAO) can catalyze the oxidative demethylation of sarcosine to generate glycine, H <sub>2</sub> O <sub>2</sub> , 5,10-CH <sub>2</sub> -tetrahydrofolate, which are often used in biochemical reactions <sup>[1]</sup> .
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### REFERENCES

[1]. Suzuki H, et al. Sarcosine oxidase: structure, function, and the application to creatinine determination. Amino Acids. 1994 Feb;7(1):27-43.

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

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