

Sarcosine oxidase

Chemical Properties

CAS No. : 9029-22-5

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Sarcosine oxidase catalyzes the oxidative demethylation of sarcosine to generate glycine, hydrogen peroxide and 5,10-methylenetetrahydrofolate, and is widely used in biochemical detection and enzymatic reaction research.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	H2O: 80 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Reference

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

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481