

taurine dioxygenase

Cat. No. EXWM-0633

Lot. No. (See product label)

Introduction

Description

Requires FeII. The enzyme from Escherichia coli also acts on pentanesulfonate, 3-(N-morpholino)propanesulfonate and 2-(1,3-dioxoisindolin-2-yl)ethanesulfonate, but at lower rates.

Synonyms

2-aminoethanesulfonate dioxygenase; α -ketoglutarate-dependent taurine dioxygenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.11.17

CAS No.

197809-75-9

Reaction

taurine + 2-oxoglutarate + O₂ = sulfite + aminoacetaldehyde + succinate + CO₂

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.