

quercetin 2,3-dioxygenase

Cat. No. EXWM-0543

Lot. No. (See product label)

Introduction

Description

The enzyme from *Aspergillus* sp. is a copper protein whereas that from *Bacillus subtilis* contains iron. Quercetin is a flavonol (5,7,3',4'-tetrahydroxyflavonol).

Synonyms

quercetinase; flavonol 2,4-oxygenase; quercetin:oxygen 2,3-oxidoreductase (decyclizing)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.13.11.24

CAS No.

9075-67-6

Reaction

quercetin + O₂ = 2-(3,4-dihydroxybenzoyloxy)-4,6-dihydroxybenzoate + CO + H⁺

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.