Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.