

peptide-aspartate β -dioxygenase

Cat. No. EXWM-0632

Lot. No. (See product label)

Introduction

Description

Requires Fe²⁺. Some vitamin K-dependent coagulation factors, as well as synthetic peptides based on the structure of the first epidermal growth factor domain of human coagulation factor IX or X, can act as acceptors.

Synonyms

aspartate β -hydroxylase; aspartylpeptide β -dioxygenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.11.16

CAS No.

122544-66-5

Reaction

peptide-L-aspartate + 2-oxoglutarate + O₂ = peptide-3-hydroxy-L-aspartate + 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.