

(3S)-3-amino-3-(3-chloro-4-hydroxyphenyl)propanoyl-[peptidyl-carrier protein SgcC2] monooxygenase

Cat. No. EXWM-0912

Lot. No. (See product label)

Introduction

Description

The enzyme from the bacterium *Streptomyces globisporus* is involved in the biosynthesis of the (S)-3-chloro-5-hydroxy-β-tyrosine moiety prior to incorporation into the chromoprotein antitumor antibiotic C-1027.

Synonyms

SgcC

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.14.15

Reaction

(3S)-3-amino-3-(3-chloro-4-hydroxyphenyl)propanoyl-[peptidyl-carrier protein SgcC2] + FADH₂ + O₂ = (3S)-3-amino-3-(3-chloro-4,5-dihydroxyphenyl)propanoyl-[peptidyl-carrier protein SgcC2] + FAD + H₂O

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.