

3,9-dihydroxypterocarpan 6 α -monooxygenase

Cat. No. EXWM-0835

Lot. No. (See product label)

Introduction

Description

Possibly a heme-thiolate protein (P-450). The product of the reaction is the biosynthetic precursor of the phytoalexin glyceollin in soybean.

Synonyms

3,9-dihydroxypterocarpan 6 α -hydroxylase; 3,9-dihydroxypterocarpan 6 α -monooxygenase (erroneous)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.28

CAS No.

92584-16-2

Reaction

(6aR,11aR)-3,9-dihydroxypterocarpan + NADPH + H⁺ + O₂ = (6aS,11aS)-3,6a,9-trihydroxypterocarpan + NADP⁺ + 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.