

isoflavone 3'-hydroxylase

Cat. No. EXWM-0859

Lot. No. (See product label)

Introduction

Description

A heme-thiolate protein (P-450). Also acts on biochanin A and other isoflavones with a 4'-methoxy group. Involved in the biosynthesis of the pterocarpin phytoalexins medicarpin and maackiain.

Synonyms

isoflavone 3'-monooxygenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.52

CAS No.

110183-50-1

Reaction

formononetin + NADPH + H⁺ + O₂ = calycosin + 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.