

isoflavone 2'-hydroxylase

Cat. No. EXWM-0897

Lot. No. (See product label)

Introduction

Description

A heme-thiolate protein (P-450). Acts on daidzein, formononetin and genistein. EC 1.14.13.53, 4'-methoxyisoflavone 2'-hydroxylase, has the same reaction but is more specific as it requires a 4'-methoxyisoflavone.

Synonyms

isoflavone 2'-monooxygenase; CYP81E1; CYP Ge-3

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.89

CAS No.

110183-49-8

Reaction

an isoflavone + NADPH + H⁺ + O₂ = a 2'-hydroxyisoflavone + 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.