

dammarenediol 12-hydroxylase

Cat. No. EXWM-0782

Lot. No. (See product label)

Introduction

Description

A heme-thiolate protein (P-450). Involved in the biosynthetic pathway of ginsenosides. Isolated from ginseng (Panax ginseng).

Synonyms

protopanaxadiol synthase; CYP716A47; dammarenediol-II,NADPH:O2 oxidoreductase (12β-hydroxylating)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.183

Reaction

dammarenediol-II + NADPH + H⁺ + O₂ = protopanaxadiol + 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.