Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.