

lupan-3 β ,20-diol synthase

Cat. No. EXWM-4969

Lot. No. (See product label)

Introduction

Description

The reaction occurs in the reverse direction. The recombinant enzyme from *Arabidopsis thaliana* gives a 1:1 mixture of lupeol and lupan-3 β ,20-diol with small amounts of β -amyrin, germanicol, taraxasterol and ψ -taraxasterol. See EC 5.4.99.41 (lupeol synthase).

Synonyms

LUP1 (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.1.128

Reaction

lupan-3 β ,20-diol = (3S)-2,3-epoxy-2,3-dihydrosqualene + 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.