Creative Enzymes®

lupan-3β,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-3β,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-3β,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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.