

germacrene A alcohol dehydrogenase

Cat. No. EXWM-0226

Lot. No. (See product label)

Introduction

Description

In *Lactuca sativa* EC 1.1.1.314 is a multifunctional enzyme with EC 1.14.13.123, germacrene A hydroxylase.

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.314

Reaction

germacra-1(10),4,11(13)-trien-12-ol + 2 NADP⁺ + H₂O = germacra-1(10),4,11(13)-trien-12-oate + 2 NADPH + 3 H⁺ (overall reaction); (1a) germacra-1(10),4,11(13)-trien-12-ol + NADP⁺ = germacra-1(10),4,11(13)-trien-12-al + NADPH + H⁺; (1b) germacra-1(10),4,11(13)-trien-12-al + NADP⁺ + H₂O = germacra-1(10),4,11(13)-trien-12-oate + NADPH + 2 H⁺

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.