

germacrene A hydroxylase

Cat. No. EXWM-0724

Lot. No. (See product label)

Introduction

Description

A heme-thiolate protein (P-450). This is probably part of the biosynthesis of many sesquiterpenoid lactones. In *Lactuca sativa* EC 1.14.13.123 is a multifunctional enzyme with EC 1.1.1.314, germacrene A alcohol dehydrogenase.

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.123

Reaction

(+)-germacrene A + NADPH + H⁺ + O₂ = germacra-1(10),4,11(13)-trien-12-ol + 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.