Creative Enzymes®

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