Creative Enzymes®

vestitone reductase

Cat. No. EXWM-0263

Lot. No. (See product label)

Introduction

Description	This plant enzyme catalyses the penultimate step in the biosynthesis of the pterocarpin phytoalexins medicarpin and maackiain. This activity was previously classified as part of EC 1.1.1.246, pterocarpin synthase, which is now known to be catalysed by two enzymes, vestitone reductase and EC 4.2.1.139, medicarpin synthase.
Synonyms	pterocarpin synthase (incorrect); pterocarpan synthase (incorrect)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.348
CAS No.	118477-70-6
Reaction	(3R,4R)-4'-methoxyisoflavan-2',4,7-triol + NADP+ = (3R)-vestitone + NADPH + 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 ℃.