Creative Enzymes®

laurate 7-monooxygenase

Cat. No. EXWM-0808

Lot. No. (See product label)

Introduction

Description	This plant enzyme is involved in the synthesis of sporopollenin - a complex polymer found at the outer layer of spores and pollen. It can also act on decanoate (C10), myristate (C14), and palmitate (C16) with lower activity. The enzyme also produces a small amount of products that are hydroxylated at neighboring positions (C-6, C-8 and C-9).
Synonyms	CYP703A2

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.13.206
Reaction	dodecanoate + NADPH + H+ + O2 = 7-hydroxydodecanoate + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.