

stemar-13-ene synthase

Cat. No. EXWM-5191

Lot. No. (See product label)

Introduction

Description This diterpene cyclase produces stemar-13-ene, a putative precursor of the rice phytoalexin oryzalexin S. Phytoalexins are diterpenoid secondary metabolites that are involved in the defense mechanism of the plant, and are produced in response to pathogen attack through the perception of elicitor signal molecules such as chitin oligosaccharide, or after exposure to UV irradiation.

Synonyms OsDTC2; OsK8; OsKL8; OsKS8; stemarene synthase; syn-stemar-13-ene synthase

Product Information

Form Liquid or lyophilized powder

EC Number EC 4.2.3.33

Reaction 9α -copalyl diphosphate = stemar-13-ene + diphosphate

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.