

pentamethylcyclopentadecatrienol synthase

Cat. No. EXWM-5166

Lot. No. (See product label)

Introduction

Description Requires Mg²⁺. Isolated from the bacterium *Streptomyces* sp. SANK 60404. This trifunctional enzyme, which contains a [4Fe-4S] cluster, also produces (R)-nephtenol and (R)-cembrene A. See EC 4.2.3.150, cembrene A synthase and EC 4.2.3.149, nephtenol synthase.

Synonyms DtcycB (gene name)

Product Information

Form Liquid or lyophilized powder

EC Number EC 4.2.3.151

Reaction geranylgeranyl diphosphate + H₂O = (1S,4E,8E,12E)-2,2,5,9,13-pentamethylcyclopentadeca-4,8,12-trien-1-ol + 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.