

tocopherol cyclase

Cat. No. EXWM-5625

Lot. No. (See product label)

Introduction

Description The enzyme has been described from plants and cyanobacteria. It has similar activity with all four listed benzoquinol substrates. Involved in the biosynthesis of vitamin E (tocopherols and tocotrienols).

Synonyms VTE1 (gene name); SXD1 (gene name); Δ / γ -tocopherol lyase (decyclizing)

Product Information

Form Liquid or lyophilized powder

EC Number EC 5.5.1.24

Reaction (1) Δ -tocopherol = 2-methyl-6-phytylbenzene-1,4-diol; (2) γ -tocopherol = 2,3-dimethyl-6-phytylbenzene-1,4-diol; (3) Δ -tocotrienol = 6-geranylgeranyl-2-methylbenzene-1,4-diol; (4) γ -tocotrienol = 6-geranylgeranyl-2,3-dimethylbenzene-1,4-diol

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.