

homogentisate solanesyltransferase

Cat. No. EXWM-2733

Lot. No. (See product label)

Introduction

Description

Requires Mg²⁺ for activity. Part of the biosynthesis pathway of plastoquinol-9. The enzymes purified from the plant *Arabidopsis thaliana* and the alga *Chlamydomonas reinhardtii* are also active in vitro with unsaturated C10-C20 prenyl diphosphates, producing main products that are not decarboxylated.

Synonyms

HST; PDS2 (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.5.1.117

Reaction

all-trans-nonaprenyl diphosphate + homogentisate = diphosphate + 2-methyl-6-all-trans-nonaprenylbenzene-1,4-diol + CO₂

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.