

isoprene synthase

Cat. No. EXWM-5184

Lot. No. (See product label)

Introduction

Description

Requires Mg²⁺ or Mn²⁺ for activity. This enzyme is located in the chloroplast of isoprene-emitting plants, such as poplar and aspen, and may be activated by light-dependent changes in chloroplast pH and Mg²⁺ concentration.

Synonyms

ISPC; ISPS

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.3.27

CAS No.

139172-14-8

Reaction

dimethylallyl diphosphate = isoprene + 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.