

adenylate dimethylallyltransferase

Cat. No. EXWM-2764

Lot. No. (See product label)

Introduction

Description

Involved in the biosynthesis of cytokinins in plants. Some isoforms from the plant *Arabidopsis thaliana* are specific for AMP while others also have the activity of EC 2.5.1.112, adenylate dimethylallyltransferase (ADP/ATP-dependent).

Synonyms

cytokinin synthase (ambiguous); isopentenyltransferase (ambiguous); 2-isopentenyl-diphosphate:AMP Δ^2 -isopentenyltransferase; adenylate isopentenyltransferase (ambiguous); IPT

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.5.1.27

CAS No.

72840-95-0

Reaction

dimethylallyl diphosphate + AMP = diphosphate + N6-(dimethylallyl)adenosine 5'-phosphate

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.