

## chorismate synthase

Cat. No. EXWM-5209

Lot. No. (See product label)

### Introduction

#### Description

Requires FMN. The reaction goes via a radical mechanism that involves reduced FMN and its semiquinone (FMNH·). Shikimate is numbered so that the double-bond is between C-1 and C-2, but some earlier papers numbered the ring in the reverse direction.

#### Synonyms

5-O-(1-carboxyvinyl)-3-phosphoshikimate phosphate-lyase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 4.2.3.5

#### CAS No.

9077-07-0

#### Reaction

5-O-(1-carboxyvinyl)-3-phosphoshikimate = chorismate + 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.