Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.