

shikimate kinase

Cat. No. EXWM-3101

Lot. No. (See product label)

Introduction

Description

Shikimate kinase (EC 2.7.1.71) is an enzyme that catalyzes the ATP-dependent phosphorylation of shikimate to form shikimate 3-phosphate. This reaction is the fifth step of the shikimate pathway, which is used by plants and bacteria to synthesize the common precursor of aromatic amino acids and secondary metabolites.

Synonyms

shikimate kinase (phosphorylating); shikimate kinase II

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.1.71

CAS No.

9031-51-0

Reaction

ATP + shikimate = ADP + 3-phosphoshikimate

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.