Creative Enzymes®

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