Creative Enzymes®

7-cyano-7-deazaguanine synthase

Cat. No. EXWM-5790

Lot. No. (See product label)

Introduction

Description	Binds Zn2+. The reaction is part of the biosynthesis pathway of queuosine.
Synonyms	preQ0 synthase; 7-cyano-7-carbaguanine synthase; queC (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.3.4.20
Reaction	7-carboxy-7-carbaguanine + NH3 + ATP = 7-cyano-7-carbaguanine + ADP + phosphate + H2O
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 ℃.