Creative Enzymes®

pseudaminic acid synthase

Cat. No. EXWM-2836

Lot. No. (See product label)

Introduction

Description	The enzyme requires a divalent metal ion, the highest activity values are observed in the presence of Mn2+ and Co2+ (10 mM).
Synonyms	PseI; NeuB3

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.5.1.97
Reaction	phosphoenolpyruvate + 2,4-bis(acetylamino)-2,4,6-trideoxy-β-L-altropyranose + H2O = 5,7-bis(acetylamino)-3,5,7,9-tetradeoxy-L-glycero-α-L-manno-2-nonulopyranosonic acid + 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 ℃.