dTMP kinase

Cat. No. EXWM-3219

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing groups (phosphotransferases) with a phosphate group as acceptor. The systematic name of this enzyme class is ATP:dTMP phosphotransferase. Other names in common use include thymidine monophosphate kinase, thymidylate kinase, thymidylate monophosphate kinase, thymidylic acid kinase, thymidylic kinase, deoxythymidine 5'-monophosphate kinase, TMPK, and thymidine 5'-monophosphate kinase. This enzyme participates in pyrimidine metabolism.
Synonyms	thymidine monophosphate kinase; thymidylate kinase; thymidylate monophosphate kinase; thymidylic acid kinase; thymidylic kinase; deoxythymidine 5'-monophosphate kinase; TMPK; thymidine 5'-monophosphate kinase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.4.9
CAS No.	9014-43-1
Reaction	ATP + dTMP = ADP + dTDP
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 ℃.