

thymidine kinase

Cat. No. EXWM-3045

Lot. No. (See product label)

Introduction

Description Deoxyuridine can also act as acceptor, and dGTP can act as a donor. The deoxypyrimidine kinase complex induced by Herpes simplex virus catalyses this reaction as well as those of EC 2.7.1.114 (AMP-thymidine kinase), EC 2.7.1.118 (ADP-thymidine kinase) and EC 2.7.4.9 (dTMP-kinase).

Synonyms thymidine kinase (phosphorylating); 2'-deoxythymidine kinase; deoxythymidine kinase (phosphorylating)

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.7.1.21

CAS No. 9002-06-6

Reaction $\text{ATP} + \text{thymidine} = \text{ADP} + \text{dTMP}$

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.