

thiamine-phosphate kinase

Cat. No. EXWM-3197

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:thiamine-phosphate phosphotransferase. Other names in common use include thiamin-monophosphate kinase, thiamin monophosphatase, and thiamin monophosphokinase. This enzyme participates in thiamine metabolism.

Synonyms thiamin-monophosphate kinase; thiamin monophosphatase; thiamin monophosphokinase

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.7.4.16

CAS No. 9068-23-9

Reaction $\text{ATP} + \text{thiamine phosphate} = \text{ADP} + \text{thiamine diphosphate}$

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.