

thiamine kinase

Cat. No. EXWM-3119

Lot. No. (See product label)

Introduction

Description This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing groups (phosphotransferases) with an alcohol group as acceptor. The systematic name of this enzyme class is ATP:thiamine phosphotransferase. Other names in common use include thiamin kinase (phosphorylating), thiamin phosphokinase, ATP:thiamin phosphotransferase, and thiamin kinase. This enzyme participates in thiamine metabolism.

Synonyms thiamin kinase (phosphorylating); thiamin phosphokinase; ATP:thiamin phosphotransferase; thiamin kinase

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.7.1.89

CAS No. 62213-38-1

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

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.