Creative Enzymes®

phosphosulfolactate synthase

Cat. No. EXWM-5320

Lot. No. (See product label)

Introduction

Description	Requires Mg2+. The enzyme from the archaeon Methanococcus jannaschii catalyses the Michael addition of sulfite to phosphoenolpyruvate. It specifically requires phosphoenolpyruvate and its broad alkaline pH optimum suggests that it uses sulfite rather than hydrogensulfite.
Synonyms	(2R)-phospho-3-sulfolactate synthase; (2R)-O-phospho-3-sulfolactate sulfo-lyase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.4.1.19
CAS No.	473575-53-0
Reaction	(2R)-2-O-phospho-3-sulfolactate = phosphoenolpyruvate + sulfite
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 ℃.