

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