

(2R)-3-sulfolactate dehydrogenase (NADP+)

Cat. No. EXWM-0252

Lot. No. (See product label)

Introduction

Description The enzyme from the bacterium *Chromohalobacter salexigens* can only utilize NADP+. It functions both biosynthetically in coenzyme M biosynthesis and degradatively, in the degradation of sulfolactate. It can not use (S)-malate and (S)-lactate.

Synonyms (R)-sulfolactate:NADP+ oxidoreductase; L-sulfolactate dehydrogenase; (R)-sulfolactate dehydrogenase; ComC

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.338

CAS No. 81210-65-3

Reaction (2R)-3-sulfolactate + NADP+ = 3-sulfopyruvate + NADPH + H+

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.