

## (2R)-sulfolactate sulfo-lyase

Cat. No. EXWM-5326

Lot. No. (See product label)

### Introduction

#### Description

Requires iron(II). This inducible enzyme participates in cysteate degradation by the bacterium *Paracoccus pantotrophus* NKNCYSA and in 3-sulfolactate degradation by the bacterium *Chromohalobacter salexigens*. The enzyme is specific for the (R) isomer of its substrate.

#### Synonyms

Suy; SuyAB; 3-sulfolactate bisulfite-lyase; sulfolactate sulfo-lyase (ambiguous); (2R)-3-sulfolactate bisulfite-lyase (pyruvate-forming)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 4.4.1.24

#### CAS No.

1256650-35-7

#### Reaction

(2R)-3-sulfolactate = pyruvate + hydrogensulfite

#### 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.