

## thiophene-2-carbonyl-CoA monooxygenase

Cat. No. EXWM-1047

Lot. No. (See product label)

### Introduction

#### Description

A molybdenum enzyme. Highly specific for thiophene-2-carbonyl-CoA. Tetrazolium salts can act as electron acceptors.

#### Synonyms

thiophene-2-carboxyl-CoA dehydrogenase; thiophene-2-carboxyl-CoA hydroxylase; thiophene-2-carboxyl-CoA monooxygenase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.14.99.35

#### CAS No.

208540-44-7

#### Reaction

thiophene-2-carbonyl-CoA + AH<sub>2</sub> + O<sub>2</sub> = 5-hydroxythiophene-2-carbonyl-CoA + A + H<sub>2</sub>O

#### 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.