

## butyrate-CoA ligase

Cat. No. EXWM-5678

Lot. No. (See product label)

### Introduction

#### Description

Acts on acids from C4 to C11 and on the corresponding 3-hydroxy- and 2,3- or 3,4-unsaturated acids.

#### Synonyms

butyryl-CoA synthetase; fatty acid thiokinase (medium chain); acyl-activating enzyme; fatty acid elongase; fatty acid activating enzyme; fatty acyl coenzyme A synthetase; medium chain acyl-CoA synthetase; butyryl-coenzyme A synthetase; L-(+)-3-hydroxybutyryl CoA ligase; short-chain acyl-CoA synthetase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 6.2.1.2

#### CAS No.

9080-51-7

#### Reaction

ATP + a carboxylate + CoA = AMP + diphosphate + an acyl-CoA

#### 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.