

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 $\text{ATP} + \text{a carboxylate} + \text{CoA} = \text{AMP} + \text{diphosphate} + \text{an acyl-CoA}$

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.