Creative Enzymes®

cyclohexa-1,5-dienecarbonyl-CoA hydratase

Cat. No. EXWM-4940

Lot. No. (See product label)

Introduction

Description	Forms part of the anaerobic benzoate degradation pathway, which also includes EC 1.3.8.6 [glutaryl-CoA dehydrogenase (ETF)], EC 1.3.7.8 (benzoyl-CoA reductase) and EC 4.2.1.55 (3-hydroyxbutyryl-CoA dehydratase).
Synonyms	cyclohexa-1,5-diene-1-carbonyl-CoA hydratase; dienoyl-CoA hydratase; cyclohexa-1,5-dienecarbonyl-CoA hydro-lyase (incorrect); 6-hydroxycyclohex-1-enecarbonyl-CoA hydro-lyase (cyclohexa-1,5-dienecarbonyl-CoA-forming)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.1.100
CAS No.	214355-79-0
Reaction	6-hydroxycyclohex-1-ene-1-carbonyl-CoA = cyclohexa-1,5-diene-1-carbonyl-CoA + H2O
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.