Creative Enzymes®

3-hydroxyacyl-CoA dehydrogenase

Cat. No. EXWM-0265

Lot. No. (See product label)

Introduction

Description	Also oxidizes S-3-hydroxyacyl-N-acylthioethanolamine and S-3-hydroxyacyl-hydrolipoate. Some enzymes act, more slowly, with NADP+. Broad specificity to acyl chain-length (cf. EC 1.1.1.211 [long-chain-3-hydroxyacyl-CoA dehydrogenase]).
Synonyms	β-hydroxyacyl dehydrogenase; β-keto-reductase; 3-keto reductase; 3-hydroxyacyl coenzyme A dehydrogenase; β-hydroxyacyl-coenzyme A synthetase; β-hydroxyacylcoenzyme A dehydrogenase; β-hydroxybutyrylcoenzyme A dehydrogenase; 3-hydroxyacetyl-coenzyme A dehydrogenase; L-3-hydroxyacyl coenzyme A dehydrogenase; L-3-hydroxyacyl CoA dehydrogenase; β-hydroxyacyl CoA dehydrogenase; 3β-hydroxyacyl coenzyme A dehydrogenase; 3-hydroxybutyryl-CoA dehydrogenase; β-ketoacyl-CoA reductase; β-hydroxy acid dehydrogenase; 3-L-hydroxyacyl-CoA dehydrogenase; 3-hydroxyisobutyryl-CoA dehydrogenase; 1-specific DPN-linked β-hydroxybutyric dehydrogenase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.35
CAS No.	9028-40-4
Reaction	(S)-3-hydroxyacyl-CoA + NAD+ = 3-oxoacyl-CoA + NADH + H+
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 ℃.