Creative Enzymes®

carboxylesterase

Cat. No. EXWM-3434

Lot. No. (See product label)

Introduction

Description	Wide specificity. The enzymes from microsomes also catalyse the reactions of EC 3.1.1.2 (arylesterase), EC 3.1.1.5 (lysophospholipase), EC 3.1.1.6 (acetylesterase), EC 3.1.1.23 (acylglycerol lipase), EC 3.1.1.28 (acylcarnitine hydrolase), EC 3.1.2.2 (palmitoyl-CoA hydrolase), EC 3.5.1.4 (amidase) and EC 3.5.1.13 (aryl-acylamidase). Also hydrolyses vitamin A esters.
Synonyms	ali-esterase; B-esterase; monobutyrase; cocaine esterase; procaine esterase; methylbutyrase; vitamin A esterase; butyryl esterase; carboxyesterase; carboxylate esterase; carboxylic esterase; methylbutyrate esterase; triacetin esterase; carboxyl ester hydrolase; butyrate esterase; methylbutyrase; α-carboxylesterase; propionyl esterase; nonspecific carboxylesterase; esterase D; esterase B; esterase A; serine esterase; carboxylic acid esterase; cocaine esterase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.1.1.1
CAS No.	9016-18-6
Reaction	a carboxylic ester + H2O = an alcohol + a carboxylate
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 ℃.