Creative Enzymes®

Native Bacillus stearothermophilus Esterase

Cat. No. NATE-0234

Lot. No. (See product label)

Introduction

Description	An esterase is a hydrolase that splits esters into acids and alcohols
Applications	The compound is commonly used for the synthesis of biodiesel and biopolymers, as well as in the production of pharmaceuticals, agr ochemicals and flavor compounds.
Synonyms	EC 3.1.1.1; 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; 9016-18-6

Product Information

Source	Bacillus stearothermophilus
EC Number	EC 3.1.1.1
CAS No.	9016-18-6
Activity	> 0.2 units/mg
Unit Definition	1 U corresponds to the amount of enzyme which releases 1 μmol 4-nitrophenol per minute at pH 7.0 and 65°C (4-nitrophenyl-n-octanoate as substrate)

Storage and Shipping Information

Storage	2-8°C