

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, agrochemicals 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 μ mol 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