

Native *Saccharomyces cerevisiae* Esterase

Cat. No. NATE-0240

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

Saccharomyces cerevisiae

Form

lyophilized powder

EC Number

EC 3.1.1.1

CAS No.

9016-18-6

Activity

~2 U/g

Unit Definition

1 U corresponds to the amount of enzyme which hydrolyzes 1 μ mol ethyl valerate per minute at pH 8.0 and 25°C.

Storage and Shipping Information

Storage

2-8°C