

## acetylsalicylate deacetylase

Cat. No. EXWM-3483

Lot. No. (See product label)

### Introduction

#### Description

Not identical with EC 3.1.1.1 (carboxylesterase), EC 3.1.1.2 (arylesterase), EC 3.1.1.7 (acetylcholinesterase) or EC 3.1.1.8 (cholinesterase). The activity of the liver cytosol enzyme is highest with acetyl esters of aryl alcohols, and thioesters are also hydrolysed; the microsomal enzyme also hydrolyses some other negatively charged esters, with highest activity on esters of salicylate with long-chain alcohols.

#### Synonyms

aspirin esterase; aspirin esterase; acetylsalicylic acid esterase; aspirin hydrolase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.1.1.55

#### CAS No.

87348-04-7

#### Reaction

acetylsalicylate + H<sub>2</sub>O = salicylate + acetate

#### 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.