Creative Enzymes®

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 + H2O = 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.