Creative Enzymes®

arylesterase

Cat. No. EXWM-3445

Lot. No. (See product label)

Introduction

Description	Acts on many phenolic esters. The reactions of EC 3.1.8.1 aryldialkylphosphatase, were previously attributed to this enzyme. It is likely that the three forms of human paraoxonase are lactonases rather than aromatic esterases. The natural substrates of the paraoxonases are lactones, with (±)-5-hydroxy-6E,8Z,11Z,4Z-eicostetraenoic-acid 1,5-lactone being the best substrate.
Synonyms	A-esterase; paraoxonase; aromatic esterase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.1.1.2
CAS No.	9032-73-9
Reaction	a phenyl acetate + H2O = a phenol + 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 ℃.