

aryldialkylphosphatase

Cat. No. EXWM-3770

Lot. No. (See product label)

Introduction

Description

Acts on organophosphorus compounds (such as paraoxon) including esters of phosphonic and phosphinic acids. Inhibited by chelating agents; requires divalent cations for activity. Previously regarded as identical with EC 3.1.1.2 arylesterase.

Synonyms

organophosphate hydrolase; paraoxonase; A-esterase; aryltriphosphatase; organophosphate esterase; esterase B1; esterase E4; paraoxon esterase; pirimiphos-methyloxon esterase; OPA anhydrase; organophosphorus hydrolase; phosphotriesterase; paraoxon hydrolase; OPH; organophosphorus acid anhydrase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.8.1

CAS No.

117698-12-1

Reaction

an aryl dialkyl phosphate + H₂O = dialkyl phosphate + an aryl alcohol

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.