

4-chlorobenzoate dehalogenase

Cat. No. EXWM-4745

Lot. No. (See product label)

Introduction

Description

Catalyses the first step in the degradation of chlorobenzoate in *Pseudomonas*. In many microorganisms, this activity comprises three separate enzymes, EC 6.2.1.33 (4-chlorobenzoate-CoA ligase), EC 3.8.1.7 (4-chlorobenzoyl-CoA dehalogenase) and EC 3.1.2.23 (4-hydroxybenzoyl-CoA thioesterase).

Synonyms

halobenzoate dehalogenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.8.1.6

CAS No.

94047-11-7

Reaction

4-chlorobenzoate + H₂O = 4-hydroxybenzoate + chloride

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.