Creative Enzymes®

2,6-dioxo-6-phenylhexa-3-enoate hydrolase

Cat. No. EXWM-4737

Lot. No. (See product label)

Introduction

Description	Cleaves the products from biphenol, 3-isopropylcatechol and 3-methylcatechol produced by EC 1.13.11.39 biphenyl-2,3-diol 1,2-dioxygenase, by ring-fission at a -CO-C bond. Involved in the breakdown of biphenyl-related compounds by Pseudomonas sp.
Synonyms	HOHPDA hydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.7.1.8
CAS No.	102925-38-2
Reaction	2,6-dioxo-6-phenylhexa-3-enoate + H2O = benzoate + 2-oxopent-4-enoate
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 ℃.