

phenylacetyl-CoA 1,2-epoxidase

Cat. No. EXWM-0749

Lot. No. (See product label)

Introduction

Description

Part of the aerobic pathway of phenylacetate catabolism in Escherichia coli and Pseudomonas putida.

Synonyms

ring 1,2-phenylacetyl-CoA epoxidase; phenylacetyl-CoA monooxygenase; PaaAC; PaaABC(D)E

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.149

Reaction

phenylacetyl-CoA + NADPH + H⁺ + O₂ = 2-(1,2-epoxy-1,2-dihydrophenyl)acetyl-CoA + NADP⁺ + H₂O

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.