Creative Enzymes®

2-(1,2-epoxy-1,2-dihydrophenyl)acetyl-CoA isomerase

Cat. No. EXWM-5496

Lot. No. (See product label)

Introduction

Description	The enzyme catalyses the reversible isomerization of 2-(1,2-epoxy-1,2-dihydrophenyl)acetyl-CoA to the unusual unsaturated, oxygen-containing, seven-member heterocyclic enol ether 2-oxepin-2(3H)-ylideneacetyl-CoA, as part of an aerobic phenylacetate degradation pathway.
Synonyms	paaG (gene name); 1,2-epoxyphenylacetyl-CoA isomerase (misleading)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 5.3.3.18
Reaction	2-(1,2-epoxy-1,2-dihydrophenyl)acetyl-CoA = 2-oxepin-2(3H)-ylideneacetyl-CoA
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 ℃.