

## 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.