

## 4-chlorophenylacetate 3,4-dioxygenase

Cat. No. EXWM-0697

Lot. No. (See product label)

### Introduction

#### Description

A system, containing a reductase and an iron-sulfur oxygenase, and no independent ferredoxin. Requires Fe<sup>2+</sup>. Also acts on 4-bromophenyl acetate.

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.14.12.9

#### CAS No.

105006-00-6

#### Reaction

4-chlorophenylacetate + NADH + H<sup>+</sup> + O<sub>2</sub> = 3,4-dihydroxyphenylacetate + chloride + NAD<sup>+</sup>

#### 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.