

## 4-hydroxyphenylacetate 1-monooxygenase

Cat. No. EXWM-0778

Lot. No. (See product label)

### Introduction

#### Description

A flavoprotein (FAD). Also acts on 4-hydroxyhydratropate (forming 2-methylhomogentisate) and on 4-hydroxyphenoxyacetate (forming hydroquinone and glycolate).

#### Synonyms

4-hydroxyphenylacetate 1-hydroxylase; 4-hydroxyphenylacetic 1-hydroxylase; 4-HPA 1-hydroxylase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.14.13.18

#### CAS No.

55326-44-8

#### Reaction

4-hydroxyphenylacetate + NAD(P)H + H<sup>+</sup> + O<sub>2</sub> = homogentisate + NAD(P)<sup>+</sup> + H<sub>2</sub>O

#### 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.