

## 4a-hydroxytetrahydrobiopterin dehydratase

Cat. No. EXWM-5080

Lot. No. (See product label)

### Introduction

#### Description

Catalyses the dehydration of 4a-hydroxytetrahydrobiopterins

#### Synonyms

4α-hydroxy-tetrahydropterin dehydratase; pterin-4α-carbinolamine dehydratase;  
4a-hydroxytetrahydrobiopterin hydro-lyase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 4.2.1.96

#### CAS No.

87683-70-3

#### Reaction

(6R)-6-(L-erythro-1,2-dihydroxypropyl)-5,6,7,8-tetrahydro-4a-hydroxypterin = (6R)-6-(L-erythro-1,2-dihydroxypropyl)-7,8-dihydro-6H-pterin + 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.