

## 4-(dimethylamino)phenylazoxybenzene reductase

Cat. No. EXWM-1604

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on other nitrogenous compounds as donors with NAD<sup>+</sup> or NADP<sup>+</sup> as acceptor.

#### Synonyms

N,N-dimethyl-p-aminoazobenzene oxide reductase; dimethylaminoazobenzene N-oxide reductase; NADPH-dependent DMAB N-oxide reductase; NADPH:4-(dimethylamino)phenylazoxybenzene oxidoreductase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.7.1.11

#### CAS No.

103843-39-6

#### Reaction

4-(dimethylamino)phenylazobenzene + NADP<sup>+</sup> + H<sub>2</sub>O = 4-(dimethylamino)phenylazoxybenzene + NADPH + H<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.