Creative Enzymes®

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+ or NADP+ 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+ + H2O = 4-(dimethylamino)phenylazoxybenzene + NADPH + H+
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.