Creative Enzymes®

trans-1,2-dihydrobenzene-1,2-diol dehydrogenase

Cat. No. EXWM-1295

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-CH group of donor with NAD+ or NADP+ as acceptor. The systematic name of this enzyme class is trans-1,2-dihydrobenzene-1,2-diol:NADP+ oxidoreductase. This enzyme is also called dihydrodiol dehydrogenase. This enzyme participates in metabolism of xenobiotics by cytochrome p450.
Synonyms	dihydrodiol dehydrogenase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.3.1.20
CAS No.	37255-32-6
Reaction	trans-1,2-dihydrobenzene-1,2-diol + NADP+ = catechol + 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 ℃.