

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.