

cis-3,4-dihydrophenanthrene-3,4-diol dehydrogenase

Cat. No. EXWM-1321

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 (+)-cis-3,4-dihydrophenanthrene-3,4-diol:NAD⁺ 3,4-oxidoreductase. This enzyme participates in naphthalene and anthracene degradation.

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.3.1.49

CAS No. 118390-61-7

Reaction (+)-cis-3,4-dihydrophenanthrene-3,4-diol + NAD⁺ = phenanthrene-3,4-diol + NADH + 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.