

(3S,4R)-3,4-dihydroxycyclohexa-1,5-diene-1,4-dicarboxylate dehydrogenase

Cat. No. EXWM-1324

Lot. No. (See product label)

Introduction

Description Requires Fell. Involved in the terephthalate degradation pathway in bacteria.

Synonyms (1R,2S)-dihydroxy-3,5-cyclohexadiene-1,4-dicarboxylate dehydrogenase; terephthalate 1,2-cis-dihydrodiol dehydrogenase; cis-4,5-dihydroxycyclohexa-1(6),2-diene-1,4-dicarboxylate:NAD⁺ oxidoreductase (decarboxylating)

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.3.1.53

CAS No. 162032-77-1

Reaction (3S,4R)-3,4-dihydroxycyclohexa-1,5-diene-1,4-dicarboxylate + NAD⁺ = 3,4-dihydroxybenzoate + CO₂ + NADH

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.