

(S)-usnate reductase

Cat. No. EXWM-0102

Lot. No. (See product label)

Introduction

Description This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with NAD⁺ or NADP⁺ as acceptor. The systematic name of this enzyme class is reduced-(S)-usnate:NAD⁺ oxidoreductase (ether-bond-forming). This enzyme is also called L-usnic acid dehydrogenase.

Synonyms L-usnic acid dehydrogenase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.199

CAS No. 77237-99-1

Reaction (6R)-2-acetyl-6-(3-acetyl-2,4,6-trihydroxy-5-methylphenyl)-3-hydroxy-6-methyl-2,4-cyclohexadien-1-one + NAD⁺ = (S)-usnate + 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.