(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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.