

15-hydroxyprostaglandin dehydrogenase (NAD⁺)

Cat. No. EXWM-0045

Lot. No. (See product label)

Introduction

Description Acts on prostaglandin E2, F2 α and B1, but not on prostaglandin D2. cf. EC 1.1.1.196 15-hydroxyprostaglandin-D dehydrogenase (NADP⁺) and EC 1.1.1.197 15-hydroxyprostaglandin dehydrogenase (NADP⁺).

Synonyms NAD⁺-dependent 15-hydroxyprostaglandin dehydrogenase (type I); PGDH; 11 α ,15-dihydroxy-9-oxoprost-13-enoate:NAD⁺ 15-oxidoreductase; 15-OH-PGDH; 15-hydroxyprostaglandin dehydrogenase; 15-hydroxyprostanoic dehydrogenase; NAD⁺-specific 15-hydroxyprostaglandin dehydrogenase; prostaglandin dehydrogenase; 15-hydroxyprostaglandin dehydrogenase (NAD⁺); (5Z,13E)-(15S)-11 α ,15-dihydroxy-9-oxoprost-13-enoate:NAD⁺ 15-oxidoreductase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.141

CAS No. 9030-87-9

Reaction (5Z,13E,15S)-11 α ,15-dihydroxy-9-oxoprost-5,13-dienoate + NAD⁺ = (5Z,13E)-11 α -hydroxy-9,15-dioxoprost-5,13-dienoate + 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.