

15-hydroxyprostaglandin dehydrogenase (NADP+)

Cat. No. EXWM-0100

Lot. No. (See product label)

Introduction

Description

Acts on prostaglandins E2, F2 α and B1, but not on prostaglandin D2 [cf. EC 1.1.1.141 15-hydroxyprostaglandin dehydrogenase (NAD⁺) and EC 1.1.1.196 15-hydroxyprostaglandin-D dehydrogenase (NADP⁺)]. May be identical with EC 1.1.1.189 prostaglandin-E2 9-reductase.

Synonyms

NADP-dependent 15-hydroxyprostaglandin dehydrogenase; NADP-linked 15-hydroxyprostaglandin dehydrogenase; NADP-specific 15-hydroxyprostaglandin dehydrogenase; type II 15-hydroxyprostaglandin dehydrogenase; 15-hydroxyprostaglandin dehydrogenase (NADP)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.197

CAS No.

54989-39-8

Reaction

(13E)-(15S)-11 α ,15-dihydroxy-9-oxoprost-13-enoate + NADP⁺ = (13E)-11 α -hydroxy-9,15-dioxoprost-13-enoate + NADPH + 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.