

13,14-dehydro-15-oxoprostaglandin 13-reductase

Cat. No. EXWM-1320

Lot. No. (See product label)

Introduction

Description

Reduces 13,14-dehydro-15-oxoprostaglandins to 13,14-dihydro derivatives. The enzyme from placenta is specific for NAD+.

Synonyms

15-oxo- Δ 13-prostaglandin reductase; Δ 13-15-ketoprostaglandin reductase; 15-ketoprostaglandin Δ 13-reductase; prostaglandin Δ 13-reductase; prostaglandin 13-reductase; (5Z)-(15S)-11 α -hydroxy-9,15-dioxoprostanoate:NAD(P)+ Δ 13-oxidoreductase; (5Z)-11 α -hydroxy-9,15-dioxoprost-5-enoate:NAD(P)+ Δ 13-oxidoreductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.3.1.48

CAS No.

57406-74-3

Reaction

11 α -hydroxy-9,15-dioxoprostanoate + NAD(P)+ = (13E)-11 α -hydroxy-9,15-dioxoprost-13-enoate + NAD(P)H + 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.