

carbonyl reductase (NADPH)

Cat. No. EXWM-0086

Lot. No. (See product label)

Introduction

Description Acts on a wide range of carbonyl compounds, including quinones, aromatic aldehydes, ketoaldehydes, daunorubicin and prostaglandins E and F, reducing them to the corresponding alcohol. Si-specific with respect to NADPH [cf. EC 1.1.1.2 alcohol dehydrogenase (NADP+)].

Synonyms aldehyde reductase 1; prostaglandin 9-ketoreductase; xenobiotic ketone reductase; NADPH-dependent carbonyl reductase; ALR3; carbonyl reductase; nonspecific NADPH-dependent carbonyl reductase; carbonyl reductase (NADPH2)

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.184

CAS No. 89700-36-7

Reaction $\text{R-CHOH-R}' + \text{NADP}^+ = \text{R-CO-R}' + \text{NADPH} + \text{H}^+$

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.