

11 β -hydroxysteroid dehydrogenase

Cat. No. EXWM-0050

Lot. No. (See product label)

Introduction

Description

11 β -Hydroxysteroid dehydrogenase (HSD-11 β or 11 β -HSD) is the name of a family of enzymes that catalyze the conversion of inert 11 keto-products (cortisone) to active cortisol, or vice versa, thus regulating the access of glucocorticoids to the steroid receptors.

Synonyms

corticosteroid 11 β -dehydrogenase; β -hydroxysteroid dehydrogenase; 11 β -hydroxy steroid dehydrogenase; corticosteroid 11-reductase; dehydrogenase, 11 β -hydroxy steroid

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.146

CAS No.

9041-46-7

Reaction

an 11 β -hydroxysteroid + NADP⁺ = an 11-oxosteroid + 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.