

morphine 6-dehydrogenase

Cat. No. EXWM-0123

Lot. No. (See product label)

Introduction

Description

Also acts on some other alkaloids, including codeine, normorphine and ethylmorphine, but only very slowly on 7,8-saturated derivatives such as dihydromorphine and dihydrocodeine. In the reverse direction, also reduces naloxone to the 6 α -hydroxy analogue. Activated by 2-mercaptoethanol.

Synonyms

naloxone reductase; reductase, naloxone

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.218

CAS No.

97002-71-6

Reaction

morphine + NAD(P)⁺ = morphinone + 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.