

(+)-lariciresinol reductase

Cat. No. EXWM-1266

Lot. No. (See product label)

Introduction

Description

The reaction is catalysed in vivo in the opposite direction to that shown. A multifunctional enzyme that also reduces (+)-pinoresinol [EC 1.23.1.1, (+)-pinoresinol reductase]. Isolated from the plants Forsythia intermedia, Thuja plicata (western red cedar), Linum perenne (perennial flax) and Linum corymbulosum.

Synonyms

pinoresinol/lariciresinol reductase; pinoresinol-lariciresinol reductases; (+)-pinoresinol/(+)-lariciresinol; (+)-pinoresinol-(+)-lariciresinol reductase; PLR

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.23.1.2

Reaction

(-)-secoisolariciresinol + NADP+ = (+)-lariciresinol + 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.