

salutaridine synthase

Cat. No. EXWM-1026

Lot. No. (See product label)

Introduction

Description

A heme-thiolate enzyme (P-450). Forms the morphinan alkaloid salutaridine by intramolecular phenol oxidation of reticuline without the incorporation of oxygen into the product.

Synonyms

(R)-reticuline oxidase (C-C phenol-coupling)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.21.4

CAS No.

149433-84-1

Reaction

(R)-reticuline + NADPH + H⁺ + O₂ = salutaridine + NADP⁺ + 2 H₂O

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.