

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.