

(R,S)-reticuline 7-O-methyltransferase

Cat. No. EXWM-1898

Lot. No. (See product label)

Introduction

Description

The enzyme from the plant *Papaver somniferum* (opium poppy) methylates (S)- and (R)-reticuline with equal efficiency and is involved in the biosynthesis of tetrahydrobenzylisoquinoline alkaloids.

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.291

Reaction

(1) S-adenosyl-L-methionine + (S)-reticuline = S-adenosyl-L-homocysteine + (S)-laudanine; (2) S-adenosyl-L-methionine + (R)-reticuline = S-adenosyl-L-homocysteine + (R)-laudanine

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.