

## (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.