

1,2-dehydroreticulinium reductase (NADPH)

Cat. No. EXWM-1509

Lot. No. (See product label)

Introduction

Description

Reduces the 1,2-dehydroreticulinium ion to (R)-reticuline, which is a direct precursor of morphinan alkaloids in the poppy plant. The enzyme does not catalyse the reverse reaction to any significant extent under physiological conditions.

Synonyms

1,2-dehydroreticulinium ion reductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.5.1.27

CAS No.

130590-58-8

Reaction

(R)-reticuline + NADP⁺ = 1,2-dehydroreticulinium + 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.