Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.