Creative Enzymes®

berberine reductase

Cat. No. EXWM-1513

Lot. No. (See product label)

Introduction

Description	Involved in alkaloid biosynthesis in Corydalis cava to give (R)-canadine with the opposite configuration to the precursor of berberine (see EC 1.3.3.8 tetrahydroberberine oxidase). Also acts on 7,8-dihydroberberine.
Synonyms	(R)-canadine synthase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.5.1.31
Reaction	(R)-canadine + 2 NADP+ = berberine + 2 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 ℃.