Creative Enzymes®

2-heptyl-3-hydroxy-4(1H)-quinolone synthase

Cat. No. EXWM-0781

Lot. No. (See product label)

Introduction

Description	The enzyme from the bacterium Pseudomonas aeruginosa catalyses the terminal step in biosynthesis of the signal molecule 2-heptyl-3,4-dihydroxyquinoline that plays a role in regulation of virulence genes.
Synonyms	PqsH; 2-heptyl-3,4-dihydroxyquinoline synthase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.13.182
Reaction	2-heptyl-4(1H)-quinolone + NADH + H+ + O2 = 2-heptyl-3-hydroxy-4(1H)-quinolone + NAD+ + H2O
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 ℃.