

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