

1,8-cineole 2-endo-monooxygenase

Cat. No. EXWM-0756

Lot. No. (See product label)

Introduction

Description

A heme-thiolate protein (P-450) which uses a flavodoxin-like redox partner to reduce the heme iron. Isolated from the bacterium *Citrobacter braakii*, which can use 1,8-cineole as the sole source of carbon.

Synonyms

P450cin; CYP176A; CYP176A1

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.156

Reaction

1,8-cineole + NADPH + H⁺ + O₂ = 2-endo-hydroxy-1,8-cineole + NADP⁺ + 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.