

5-epiaristolochene 1,3-dihydroxylase

Cat. No. EXWM-0719

Lot. No. (See product label)

Introduction

Description

A heme-thiolate protein (P-450). Kinetic studies suggest that 1 β -hydroxyepiaristolochene is mainly formed first followed by hydroxylation at C-3. However the reverse order via 3 α -hydroxyepiaristolochene does occur.

Synonyms

5-epi-aristolochene 1,3-dihydroxylase; EAH

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.119

Reaction

5-epiaristolochene + 2 NADPH + 2 H⁺ + 2 O₂ = capsidiol + 2 NADP⁺ + 2 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.