

docosahexaenoic acid ω -hydroxylase

Cat. No. EXWM-0799

Lot. No. (See product label)

Introduction

Description

Isolated from human eye tissue. Defects in the enzyme are associated with Bietti crystalline corneoretinal dystrophy. The enzyme also produces some 21-hydroxydocosahexaenoate. Acts in a similar way on icosapentaenoic acid.

Synonyms

CYP4F3B; CYP4V2; docosahexaenoate,NADPH:O₂ oxidoreductase (22-hydroxydocosahexaenoate forming)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.199

Reaction

docosahexaenoate + NADPH + H⁺ + O₂ = 22-hydroxydocosahexaenoate + 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.