

pyrimidine oxygenase

Cat. No. EXWM-1056

Lot. No. (See product label)

Introduction

Description

In vitro the product (Z)-3-ureidoacrylate peracid is spontaneously reduced to ureidoacrylate. Part of the Rut pyrimidine catabolic pathway.

Synonyms

RutA

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.99.46

Reaction

(1) uracil + FMNH₂ + O₂ = (Z)-3-ureidoacrylate peracid + FMN; (2) thymine + FMNH₂ + O₂ = (Z)-2-methylureidoacrylate peracid + FMN

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.