Creative Enzymes®

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