Creative Enzymes®

pseudooxynicotine oxidase

Cat. No. EXWM-1479

Lot. No. (See product label)

Introduction

Description	Contains one non-covalently bound FAD molecule per dimer. This enzyme, characterized from the soil bacterium Pseudomonas sp. HZN6, is involved the nicotine degradation.

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.4.3.24
Reaction	4-(methylamino)-1-(pyridin-3-yl)butan-1-one + H2O + O2 = 4-oxo-4-(pyridin-3-yl)butanal + methylamine + H2O2
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 ℃.