

## 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 in the nicotine degradation.

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.4.3.24

**Reaction**  $4\text{-(methylamino)-1-(pyridin-3-yl)butan-1-one} + \text{H}_2\text{O} + \text{O}_2 = 4\text{-oxo-4-(pyridin-3-yl)butanal} + \text{methylamine} + \text{H}_2\text{O}_2$

**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.