

## prosolanapyrone-II oxidase

Cat. No. EXWM-0415

Lot. No. (See product label)

### Introduction

#### Description

The enzyme is involved in the biosynthesis of the phytotoxin solanapyrone by some fungi. The bifunctional enzyme catalyses the oxidation of prosolanapyrone II and the subsequent Diels Alder cycloisomerization of the product prosolanapyrone III to (-)-solanapyrone A (cf. EC 5.5.1.20, prosolanapyrone III cycloisomerase).

#### Synonyms

Sol5 (ambiguous); SPS (ambiguous); solanapyrone synthase (bifunctional enzyme: prosolanapyrone II oxidase/prosolanapyrone III cycloisomerase); prosolanapyrone II oxidase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.3.42

#### Reaction

prosolanapyrone II + O<sub>2</sub> = prosolanapyrone III + H<sub>2</sub>O<sub>2</sub>

#### 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.