

## 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.