

prosolanapyrone-III cycloisomerase

Cat. No. EXWM-5622

Lot. No. (See product label)

Introduction

Description

The enzyme is involved in the biosynthesis of the phytotoxin solanapyrone in 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 1.1.3.42, prosolanapyrone II oxidase).

Synonyms

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

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 5.5.1.20

Reaction

prosolanapyrone III = (-)-solanapyrone A

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.