Creative Enzymes®

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 + O2 = prosolanapyrone III + 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 ℃.