Creative Enzymes®

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 cyclosiomerase)

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.