Creative Enzymes®

aklavinone 12-hydroxylase

Cat. No. EXWM-0779

Lot. No. (See product label)

Introduction

Description	The enzymes from the Gram-positive bacteria Streptomyces peucetius and Streptomyces purpurascens participate in the biosynthesis of daunorubicin, doxorubicin and rhodomycins. The enzyme from Streptomyces purpurascens is an FAD monooxygenase.
Synonyms	DnrF; RdmE; aklavinone 11-hydroxylase (incorrect)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.13.180
Reaction	aklavinone + NADPH + H+ + O2 = ε-rhodomycinone + NADP+ + H2O
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 ℃.