

## 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<sup>+</sup> + O<sub>2</sub> = ε-rhodomycinone + NADP<sup>+</sup> + H<sub>2</sub>O

**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.