

aklaviketone reductase

Cat. No. EXWM-0279

Lot. No. (See product label)

Introduction

Description

The enzyme is involved in the synthesis of the aklavinone aglycone, a common precursor for several anthracycline antibiotics including aclacinomycins, daunorubicin and doxorubicin. The enzyme from the Gram-negative bacterium *Streptomyces* sp. C5 produces daunomycin.

Synonyms

dauE (gene name); aknU (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.1.1.362

Reaction

aklavinone + NADP⁺ = aklaviketone + NADPH + H⁺

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.