

## dioscin glycosidase (diosgenin-forming)

Cat. No. EXWM-3873

Lot. No. (See product label)

### Introduction

#### Description

The enzyme is involved in degradation of the steroid saponin dioscin by some fungi of the Absidia genus. The enzyme can also hydrolyse 3-O-[ $\alpha$ -L-Ara-(1 $\rightarrow$ 4)]-[ $\alpha$ -L-Rha-(1 $\rightarrow$ 2)]- $\beta$ -D-Glc]diosgenin into diosgenin and free sugars as the final products. cf. EC 3.2.1.190, dioscin glycosidase (3-O- $\beta$ -D-Glc-diosgenin-forming).

#### Synonyms

dioscin glycosidase (aglycone-forming)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.2.1.189

#### Reaction

3-O-[ $\alpha$ -L-Rha-(1 $\rightarrow$ 4)]-[ $\alpha$ -L-Rha-(1 $\rightarrow$ 2)]- $\beta$ -D-Glc]diosgenin + 3 H<sub>2</sub>O = D-glucose + 2 L-rhamnose + diosgenin

#### 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.