

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-[α -L-Ara-(1 \rightarrow 4)]-[α -L-Rha-(1 \rightarrow 2)]- β -D-Glc]diosgenin into diosgenin and free sugars as the final products. cf. EC 3.2.1.190, dioscin glycosidase (3-O- β -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-[α -L-Rha-(1 \rightarrow 4)]-[α -L-Rha-(1 \rightarrow 2)]- β -D-Glc]diosgenin + 3 H₂O = 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.