Creative Enzymes®

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→4)-[α-L-Rha-(1→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→4)-[α-L-Rha-(1→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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.