

20-O-multi-glycoside ginsenosidase

Cat. No. EXWM-3879

Lot. No. (See product label)

Introduction

Description

The 20-O-multi-glycoside ginsenosidase catalyses the hydrolysis of the 20-O- α -(1 \rightarrow 6)-glycosidic bond and the 20-O- β -(1 \rightarrow 6)-glycosidic bond of protopanaxadiol-type ginsenosides. The enzyme usually leaves a single glucosyl residue attached at position 20, although it can cleave the remaining glucosyl residue with a lower efficiency. Starting with a ginsenoside that is glycosylated at positions 3 and 20, such as ginsenosides Rb1, Rb2, Rb3 and Rc, the most common product is ginsenoside Rd, with a low amount of ginsenoside Rg3 also formed.

Synonyms

ginsenosidase type II (erroneous)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.2.1.195

Reaction

a protopanaxadiol-type ginsenoside with two glucosyl residues at position 20 + H₂O = a protopanaxadiol-type ginsenoside with a single glucosyl residue at position 20 + a monosaccharide

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.