Creative Enzymes®

ginsenosidase type III

Cat. No. EXWM-3875

Lot. No. (See product label)

Introduction

Description Ginsenosidase type III catalyses the sequential hydrolysis of the 3-O-β-D-(1→2)-glucopyranosyl bond followed by hydrolysis of the 3-O-β-D-glucopyranosyl bond of protopanaxadiol ginsenosides. When acting for example on ginsenoside Rb1 the enzyme first generates ginsenoside XVII, and subsequently ginsenoside LXXV.

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.2.1.191

Reaction a protopanaxadiol-type ginsenoside with two glucosyl residues at position 3 + 2 H2O = a protopanaxadiol-type ginsenoside with no glycosidic modification at position 3 + 2 D-glucopyranose (overall reaction); (1a) a protopanaxadiol-type ginsenoside with two glucosyl residues at position 3 + H2O a protopanaxadiol-type ginsenoside with one glucosyl residue at position 3 + D-glucopyranose; (1b) a protopanaxadiol-type ginsenoside with one glucosyl residue at position 3 + H2O = a protopanaxadiol-type ginsenoside with no glycosidic modification at position 3 + D-glucopyranose

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 ℃.