

β-apiosyl-β-glucosidase

Cat. No. EXWM-3843

Lot. No. (See product label)

Introduction

Description

The enzyme from the tropical tree *Dalbergia nigrescens* Kurz belongs to glycosyl hydrolase family 1. The enzyme removes disaccharides from the natural substrates dalpatein 7-O-β-D-apiofuranosyl-(1→6)-β-D-glucopyranoside and 7-hydroxy-2',4',5',6-tetramethoxy-7-O-β-D-apiofuranosyl-(1→6)-β-D-glucopyranoside (dalnigrein 7-O-β-D-apiofuranosyl-(1→6)-β-D-glucopyranoside) although it can also remove a single glucose residue from isoflavonoid 7-O-glucosides. Daidzin and genistin are also substrates.

Synonyms

isoflavonoid-7-O-β[D-apiosyl-(1→6)-β-D-glucoside] disaccharidase; isoflavonoid 7-O-β-apiosyl-glucoside β-glucosidase; furcatin hydrolase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.2.1.161

CAS No.

1000598-83-3

Reaction

7-[β-D-apiofuranosyl-(1→6)-β-D-glucopyranosyloxy]isoflavonoid + H₂O = a 7-hydroxyisoflavonoid + β-D-apiofuranosyl-(1→6)-D-glucose

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.