

β-D-glucopyranosyl abscisate β-glucosidase

Cat. No. EXWM-3858

Lot. No. (See product label)

Introduction

Description

The enzyme hydrolizes the biologically inactive β-D-glucopyranosyl ester of abscisic acid to produce active abscisate. Abscisate is a phytohormone critical for plant growth, development and adaption to various stress conditions. The enzyme does not hydrolyse β-D-glucopyranosyl zeatin.

Synonyms

AtBG1; ABA-β-D-glucosidase; ABA-specific β-glucosidase; ABA-GE hydrolase; β-D-glucopyranosyl abscisate hydrolase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.2.1.175

Reaction

D-glucopyranosyl abscisate + H₂O = D-glucose + abscisate

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.