

## 4-hydroxy-7-methoxy-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-2-yl glucoside $\beta$ -D-glucosidase

Cat. No. EXWM-3866

Lot. No. (See product label)

### Introduction

#### Description

The enzyme from *Triticum aestivum* (wheat) has a higher affinity for DIMBOA glucoside than DIBOA glucoside. With *Secale cereale* (rye) the preference is reversed.

#### Synonyms

DIMBOAGlc hydrolase; DIMBOA glucosidase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.2.1.182

#### Reaction

(1) (2R)-4-hydroxy-7-methoxy-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-2-yl  $\beta$ -D-glucopyranoside + H<sub>2</sub>O = 2,4-dihydroxy-7-methoxy-2H-1,4-benzoxazin-3(4H)-one + D-glucose; (2) (2R)-4-hydroxy-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-2-yl  $\beta$ -D-glucopyranoside + H<sub>2</sub>O = 2,4-dihydroxy-2H-1,4-benzoxazin-3(4H)-one + 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.