

## 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.