Creative Enzymes®

4-hydroxy-7-methoxy-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-2-yl glucoside β-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 β-D-glucopyranoside + H2O =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 β-D-glucopyranoside + H2O =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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.