

## 4- $\alpha$ -D-{(1 $\rightarrow$ 4)- $\alpha$ -D-glucano}trehalose trehalohydrolase

Cat. No. EXWM-3824

Lot. No. (See product label)

### Introduction

#### Description

4-alpha-D-{(1->4)-alpha-D-glucano}trehalose trehalohydrolase (EC 3.2.1.141) is an enzyme with systematic name 4-alpha-D-((1->4)-alpha-D-glucano)trehalose glucanohydrolase (trehalose-producing).

#### Synonyms

malto-oligosyltrehalose trehalohydrolase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.2.1.141

#### CAS No.

170780-50-4

#### Reaction

hydrolysis of (1 $\rightarrow$ 4)- $\alpha$ -D-glucosidic linkage in 4- $\alpha$ -D-[(1 $\rightarrow$ 4)- $\alpha$ -D-glucanosyl] $n$  trehalose to yield trehalose and (1 $\rightarrow$ 4)- $\alpha$ -D-glucan

#### 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.