

## N-methyl nucleosidase

Cat. No. EXWM-3979

Lot. No. (See product label)

### Introduction

#### Description

The enzyme preferentially hydrolyses 3- and 7-methylpurine nucleosides, such as 3-methylxanthosine, 3-methyladenosine and 7-methylguanosine. Hydrolysis of 7-methylxanthosine to form 7-methylxanthine is the second step in the caffeine-biosynthesis pathway.

#### Synonyms

7-methylxanthosine nucleosidase; N-MeNase; N-methyl nucleoside hydrolase; methylpurine nucleosidase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.2.2.25

#### Reaction

7-methylxanthosine + H<sub>2</sub>O = 7-methylxanthine + D-ribose

#### 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.