

## Latia-luciferin monooxygenase (demethylating)

Cat. No. EXWM-1039

Lot. No. (See product label)

### Introduction

#### Description

A flavoprotein. Latia is a bioluminescent mollusc. The reaction possibly involves two enzymes, an oxygenase followed by a monooxygenase for the actual light-emitting step.

#### Synonyms

luciferase (Latia luciferin); Latia luciferin monooxygenase (demethylating)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.14.99.21

#### CAS No.

62213-54-1

#### Reaction

Latia luciferin + AH<sub>2</sub> + 2 O<sub>2</sub> = oxidized Latia luciferin + CO<sub>2</sub> + formate + A + H<sub>2</sub>O + hν

#### 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.