

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 + AH₂ + 2 O₂ = oxidized Latia luciferin + CO₂ + formate + A + H₂O + 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.