Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.