

## magnesium-protoporphyrin IX monomethyl ester (oxidative) cyclase

Cat. No. EXWM-0889

Lot. No. (See product label)

## Introduction

Description Requires Fe(II) for activity. The cyclase activity in Chlamydomonas reinhardtii is associated exclusively

with the membranes, whereas that from cucumber cotyledons requires both membrane and soluble

fractions for activity.

**Synonyms** Mg-protoporphyrin IX monomethyl ester (oxidative) cyclase

## **Product Information**

**Form** Liquid or lyophilized powder

**EC Number** EC 1.14.13.81

**CAS No.** 92353-62-3

**Reaction** magnesium-protoporphyrin IX 13-monomethyl ester + 3 NADPH + 3 H+ + 3 O2 =

1/1

NADP+ + 2 H2O

**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 $\sim$ -80 °C.

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