Creative Enzymes®

# indolin-2-one monooxygenase

*Cat. No. EXWM-0737*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | The enzyme is involved in the biosynthesis of protective and allelophatic benzoxazinoids in some plants, most commonly from the family of Poaceae (grasses). It is a member of the cytochrome P-450 dependent monooxygenases. |
| ***Synonyms*** | BX3 (gene name); CYP71C2 (gene name) |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 1.14.13.138 |
| ***Reaction*** | indolin-2-one + NAD(P)H + H+ + O2 = 3-hydroxyindolin-2-one + NAD(P)+ + 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

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| ***Storage*** | Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |