Creative Enzymes®

# octopamine dehydratase

*Cat. No. EXWM-5071*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | The enzyme-catalysed reaction is believed to be dehydration to an enamine, which is spontaneously hydrolysed to an aldehyde and ammonia. |
| ***Synonyms*** | octopamine hydrolyase; octopamine hydro-lyase (deaminating) |

## Product Information

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|---|---|
| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 4.2.1.87 |
| ***CAS No.*** | 109456-55-5 |
| ***Reaction*** | 1-(4-hydroxyphenyl)-2-aminoethanol = (4-hydroxyphenyl)acetaldehyde + NH3 |
| ***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 ℃. |