Creative Enzymes®

# gallate decarboxylase

*Cat. No. EXWM-4805*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | This enzyme belongs to the family of lyases, specifically the carboxy-lyases, which cleave carbon-carbon bonds. This enzyme participates in benzoate degradation via coa ligation. |
| ***Synonyms*** | gallic acid decarboxylase; gallate carboxy-lyase |

## Product Information

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|---|---|
| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 4.1.1.59 |
| ***CAS No.*** | 37290-51-0 |
| ***Reaction*** | 3,4,5-trihydroxybenzoate = pyrogallol + CO2 |
| ***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 ℃. |