Creative Enzymes®

# linamarin synthase

*Cat. No. EXWM-2606*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | The enzyme glucosylates the cyanohydrins of butanone and pentan-3-one as well as that of acetone. |
| ***Synonyms*** | uridine diphosphoglucose-ketone glucosyltransferase; uridine diphosphate-glucose-ketone cyanohydrin β-glucosyltransferase; UDP glucose ketone cyanohydrin glucosyltransferase; UDP-glucose:ketone cyanohydrin β-glucosyltransferase; uridine diphosphoglucose-ketone cyanohydrin glucosyltransferase |

## Product Information

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|---|---|
| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 2.4.1.63 |
| ***CAS No.*** | 37277-68-2 |
| ***Reaction*** | UDP-glucose + 2-hydroxy-2-methylpropanenitrile = UDP + linamarin |
| ***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 ℃. |