Creative Enzymes®

# acetoin-ribose-5-phosphate transaldolase

*Cat. No. EXWM-2031*

*Lot. No.* (See product label)

## Introduction

| | |
|---|---|
| ***Description*** | A thiamine-diphosphate protein. |
| ***Synonyms*** | 1-deoxy-D-altro-heptulose-7-phosphate synthetase; 1-deoxy-D-altro-heptulose-7-phosphate synthase; 3-hydroxybutan-2-one:D-ribose-5-phosphate aldehydetransferase [wrong substrate name] |

## Product Information

| | |
|---|---|
| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 2.2.1.4 |
| ***CAS No.*** | 87843-76-3 |
| ***Reaction*** | 3-hydroxybutan-2-one + D-ribose 5-phosphate = acetaldehyde + 1-deoxy-D-altro-heptulose 7-phosphate |
| ***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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |