

## trans-o-hydroxybenzylidenepyruvate hydratase-aldolase

Cat. No. EXWM-4881

Lot. No. (See product label)

### Introduction

**Description** This enzyme is involved in naphthalene degradation. The enzyme catalyses a retro-aldol reaction in vitro, and it accepts a broad range of aldehydes and 4-substituted 2-oxobut-3-enoates as substrates.

**Synonyms** 2'-hydroxybenzalpyruvate aldolase; NsaE; tHBPA hydratase-aldolase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 4.1.2.45

**Reaction** (3E)-4-(2-hydroxyphenyl)-2-oxobut-3-enoate + H<sub>2</sub>O = salicylaldehyde + pyruvate

**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 °C for short term. For long term storage, store it at -20 °C~-80 °C.