

## 2'-hydroxybiphenyl-2-sulfinate desulfinase

Cat. No. EXWM-3779

Lot. No. (See product label)

### Introduction

#### Description

The enzyme from *Rhodococcus* sp. strain IGTS8 is encoded by the plasmid-encoded dibenzothiophene-desulfurization (dsz) operon. The enzyme has a narrow substrate specificity with biphenyl-2-sulfinate being the only other substrate known to date.

#### Synonyms

gene dszB-encoded hydrolase; 2-(2-hydroxyphenyl) benzenesulfinate:H<sub>2</sub>O hydrolase; DszB; HBPSi desulfinase; 2-(2-hydroxyphenyl) benzenesulfinate sulfohydrolase; HPBS desulfinase; 2-(2-hydroxyphenyl)benzenesulfinate hydrolase; 2-(2'-hydroxyphenyl)benzenesulfinate desulfinase; 2-(2-hydroxyphenyl)benzenesulfinate desulfinase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.13.1.3

#### CAS No.

198154-06-2

#### Reaction

2'-hydroxybiphenyl-2-sulfinate + H<sub>2</sub>O = 2-hydroxybiphenyl + sulfite

#### 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.