Creative Enzymes®

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:H2O 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 + H2O = 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.