

benzene 1,2-dioxygenase

Cat. No. EXWM-0692

Lot. No. (See product label)

Introduction

Description A system, containing a reductase which is an iron-sulfur flavoprotein (FAD), an iron-sulfur oxygenase and ferredoxin. Requires Fe²⁺.

Synonyms benzene hydroxylase; benzene dioxygenase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.14.12.3

CAS No. 9075-66-5

Reaction benzene + NADH + H⁺ + O₂ = cis-cyclohexa-3,5-diene-1,2-diol + NAD⁺

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.