

2-nitrophenol 2-monoxygenase

Cat. No. EXWM-0838

Lot. No. (See product label)

Introduction

Description Involved in the metabolism of nitro-aromatic compounds by a strain of *Pseudomonas putida*.

Synonyms 2-nitrophenol oxygenase; nitrophenol oxygenase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.14.13.31

CAS No. 104520-84-5

Reaction 2-nitrophenol + 2 NADPH + 2 H⁺ + O₂ = catechol + nitrite + 2 NADP⁺ + H₂O

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.