

Nitrile hydratase from Recombinant microorganism

Cat. No. NATE-1626

Lot. No. (See product label)

Introduction

Description In enzymology, nitrile hydratases (NHases; EC 4.2.1.84) are mononuclear iron or non-corrinoid cobalt enzymes that catalyse the hydration of diverse nitriles to their corresponding amides: $R-C\equiv N + H_2O \rightarrow R-C(O)NH_2$.

Synonyms Nitrilase; 3-cyanopyridine hydratase; NHase; L-NHase; H-NHase; acrylonitrile hydratase; aliphatic nitrile hydratase; nitrile hydro-lyase; aliphatic-amide hydro-lyase (nitrile-forming)

Product Information

Form Liquid in 70% $(NH_4)_2SO_4$ precipitate

EC Number EC 4.2.1.84

CAS No. 82391-37-5

Storage and Shipping Information

Storage 4°C or lower