Creative Enzymes®

Nitrile hydratase from Recombinant microoganism

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≡N + H2O → R-C(O)NH2.
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% (NH4)2SO4 precipitate
EC Number	EC 4.2.1.84
CAS No.	82391-37-5

Storage and Shipping Information

Storage	4°C or lower