

aliphatic nitrilase

Cat. No. EXWM-4583

Lot. No. (See product label)

Introduction

Description

Preferentially hydrolyses aliphatic nitriles, some of which are apparently not substrates for other known nitrilases (EC 3.5.5.1). Substrates include crotononitrile, acrylonitrile and glutaronitrile.

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.5.7

CAS No.

395644-15-2

Reaction

$\text{R-CN} + 2 \text{H}_2\text{O} = \text{R-COOH} + \text{NH}_3$

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.