

cyanoalanine nitrilase

Cat. No. EXWM-4580

Lot. No. (See product label)

Introduction

Description L-Asparagine is formed as an intermediate. cf. EC 4.2.1.65, 3-cyanoalanine hydratase and EC 3.5.1.1, asparaginase.

Synonyms β -cyanoalanine nitrilase

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.5.5.4

CAS No. 85638-44-4

Reaction 3-cyano-L-alanine + 2 H₂O = L-aspartate + NH₃ (overall reaction); (1a) 3-cyano-L-alanine + H₂O = L-asparagine; (1b) L-asparagine + H₂O = L-aspartate + NH₃

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.