

N-carbamoylputrescine amidase

Cat. No. EXWM-4442

Lot. No. (See product label)

Introduction

Description This enzyme belongs to the family of hydrolases, those acting on carbon-nitrogen bonds other than peptide bonds, specifically in linear amides. The systematic name of this enzyme class is N-carbamoylputrescine amidohydrolase. Other names in common use include carbamoylputrescine hydrolase, and NCP. This enzyme participates in urea cycle and metabolism of amino groups.

Synonyms carbamoylputrescine hydrolase; NCP

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.5.1.53

CAS No. 85030-69-9

Reaction N-carbamoylputrescine + H₂O = putrescine + CO₂ + 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.