

L-Aspartic acid β -(7-amido-4-methylcoumarin)

Cat. No. CSUB-0843

Lot. No. (See product label)

Introduction

Description

L-Aspartic acid β -(7-amido-4-methylcoumarin) is sensitive fluorogenic substrate used in lysosomal glycoasparaginase assays. This assay is good for diagnosis of aspartylglycosaaminuria.

Applications

A fluorogenic substrate

Synonyms

L-Aspartic acid 4-(4-methyl-7-coumarinylamide); H-ASP(AMC)-OH; ASPARTIC ACID(AMC)-OH; L-ASPARTIC ACID BETA-(7-AMIDO-4-METHYLCO; L-ASPARTIC ACID B-(7-AMIDO4-METHYLCOUMAR IN); L-Aspartic acid 4-(4-methyl-7-coumarinylamide); l-aspartic acid β -(4-methyl-7-coumarinylamide); L-ASPARTIC ACID BETA-(7-AMIDO-4-METHYLCOUMARIN); L-ASPARTIC ACID ALPHA-(7-AMIDO-4-METHYLCOUMARIN) 1-HYDRATE; L-Aspartic acid β -(7-amido-4-methylcoumarin) fluorescent amino acid; L-Aspartic acid β -(4-methyl-7-coumarinylamide), L-Aspartic acid 4-(4-methyl-7-coumarinylamide)

Product Information

Form

Solid

CAS No.

133628-73-6

Molecular Formula

C₁₄H₁₄N₂O₅

Molecular Weight

290.27

Purity

>98%

Solubility

Soluble in clear to colorless to faint yellow solution at 10MG/ML Hydrochloric acid

Substrates

Cystyl aminopeptidase (oxytocinase)

Storage and Shipping Information

Storage

Store at -20° C