

L-Pyroglutamic acid 7-amido-4-methylcoumarin

Cat. No. CSUB-0862

Lot. No. (See product label)

Introduction

Description An amino-acid derivative. Sensitive fluorogenic substrate for proglutamyl peptidase 1, producing a blue fluorescent solution upon cleavage.

Synonyms H-PYR-AMC; L-PYROGLUTAMIC ACID 4-METHYL-7-COUMARINYLAMIDE; L-PYROGLUTAMIC ACID 4-METHYL-7-COUMARINYLAMIDE HYDRATE; L-PYROGLUTAMIC ACID 4-METHYLCOUMARYL-7-AMIDE; L-PYROGLUTAMIC ACID 4-METHYLUMBELLIFERYLAMIDE; L-PYROGLUTAMIC ACID 7-AMIDO-4-METHYLCOUMARIN; L-PYROGLUTAMIC ACID-AMC; PYR-AMC

Product Information

Form Solid

CAS No. 66642-36-2

Molecular Formula C₁₅H₁₄N₂O₄

Molecular Weight 286.29

Melting Point 243.84 °C (Predicted)

Solubility Soluble in water (Partly miscible), and pyridine/water 1:1.

Storage and Shipping Information

Storage Desiccate at -20° C