

## 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

C<sub>15</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub>

#### 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