

## 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

<b>Form</b>	Solid
<b>CAS No.</b>	66642-36-2
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub>
<b>Molecular Weight</b>	286.29
<b>Melting Point</b>	243.84 °C (Predicted)
<b>Solubility</b>	Soluble in water (Partly miscible), and pyridine/water 1:1.

### Storage and Shipping Information

**Storage** Desiccate at -20° C