Creative Enzymes®

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