

## L-Glutamic acid $\gamma$ -(4-nitroanilide)

Cat. No. CSUB-0851

Lot. No. (See product label)

### Introduction

**Description** L-Glutamic Acid  $\gamma$ -p-Nitroanilide is a substrate for  $\gamma$ -glutamyltransferase (GGT), which is an important enzyme with wide applications in biocatalysis and clinical diagnosis.

**Synonyms** N-(4-Nitrophenyl)-L-glutamine; 2-Amino-4'-nitroglutaranilic Acid; L-Glutamic Acid  $\gamma$ -p-Nitroanilide; L-Glutamyl-4-nitroanilide; L- $\gamma$ -Glutamyl-p-nitroanilide;  $\gamma$ -Glutamyl-p-nitroanilide;  $\gamma$ -L-Glu-p-nitroanilide;  $\gamma$ -L-Glutamyl-p-nitroanilide

### Product Information

<b>Form</b>	Solid
<b>CAS No.</b>	7300-59-6
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>13</sub> N <sub>3</sub> O <sub>5</sub> H <sub>2</sub> O
<b>Molecular Weight</b>	285.25
<b>Purity</b>	>98%
<b>Melting Point</b>	182.8-185° C
<b>Solubility</b>	Soluble in water, formic acid (50 mg/ml), and 0.5mol/l hydrochloric acid.
<b>Substrates</b>	Aminopeptidase A
<b>Refractive Index</b>	1.64 (Predicted)

### Storage and Shipping Information

**Storage** Store at room temperature