

L-Glutamic acid γ -(4-nitroanilide)

Cat. No. CSUB-0851

Lot. No. (See product label)

Introduction

Description

L-Glutamic Acid γ -p-Nitroanilide is a substrate for γ -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 γ -p-Nitroanilide; L-Glutamyl-4-nitroanilide; L- γ -Glutamyl-p-nitroanilide; γ -Glutamyl-p-nitroanilide; γ -L-Glu-p-nitroanilide; γ -L-Glutamyl-p-nitroanilide

Product Information

Form

Solid

CAS No.

7300-59-6

Molecular Formula

C₁₁H₁₃N₃O₅ H₂O

Molecular Weight

285.25

Purity

>98%

Melting Point

182.8-185° C

Solubility

Soluble in water, formic acid (50 mg/ml), and 0.5mol/l hydrochloric acid.

Substrates

Aminopeptidase A

Refractive Index

1.64 (Predicted)

Storage and Shipping Information

Storage

Store at room temperature