

S-Benzyl-L-cysteine p-nitroanilide

Cat. No. CSUB-0936

Lot. No. (See product label)

Introduction

Description

S-Benzyl-L-cysteine p--nitroanilide is a substrate used for the assay of IRAP (oxytocinase). IRAP (Insulin-responsive aminopeptidase), also known as LNPEP (Leucyl-cystinyl aminopeptidase), OTase (Oxytocinase) or P-LAP (Placental leucine aminopeptidase), is a 1,025 amino acid protein that is highly expressed in placenta, heart, kidney and small intestine and at lower levels in neuronal cells in brain, in skeletal muscle, spleen, liver, testis and colon.

Applications

A substrate used for the assay of oxytocinase (IRAP)

Synonyms

S-Benzyl-L-cysteine 4-nitroanilide; L-Cys(Bzl)-pNA

Product Information

Form

Solid

CAS No.

7436-62-6

Molecular Formula

C₁₆H₁₇N₃O₃S

Molecular Weight

331.43

Purity

>98%

Melting Point

100-102° C (lit.)

Substrates

Cholinesterases

Storage and Shipping Information

Storage

Store at -20° C