Creative Enzymes®

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