

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number 05916
Product **S-Benzyl-L-cysteine β -naphthylamide**

L-Cys(Bzl)- β NA

CAS Number 7436-63-7

Molecular Formula C₂₀H₂₀N₂OS

Molecular Weight 336.45

Appearance White powder

Solubility Clear, colorless solution (50 mg/mL in Methanol)

Melting Point 94 - 97 °C

Elemental Analysis (Theory) C=71.40 \pm 0.5%, H=5.99 \pm 0.5%, N=8.33 \pm 0.5%

TLC System Chloroform/Methanol/Acetic acid (77.5/15/7.5)
Chloroform/Methanol/Acetic acid/H₂O (85/13/0.5/1.5)
Plate : Silicagel 60 F₂₅₄
Detected by : UV, Ninhydrin, Chlorine-Tolidine

Optical Rotation [a]²⁴_D = 58 \pm 2 ° (C=1 in Methanol)

Storage Store at 0 - 8 °C

For Laboratory Use Only