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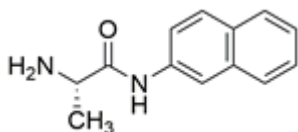
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	05839
Product	L-Alanine β-naphthylamide L-Ala- β NA
CAS Number	720-82-1
Molecular Formula	C ₁₃ H ₁₄ N ₂ O
Molecular Weight	214.27

Appearance	Off-white powder
Solubility	Clear yellowish solution (Ph. Eur. And BY5)
Melting Point	104 °C
Elemental Analysis (Theory)	Carbon : 72 $\pm$ 2% Hydrogen : 6 $\pm$ 1% Nitrogen : 13 $\pm$ 1%
Water Content (Karl Fisher)	$\leq$ 1.0%
TLC System	n-Butanol/Acetic acid/Water 4/2/2 Chloroform/Methanol/Acetic acid/Water 45/13/1/2 Ethylacetate/Pyridine/Acetic acid/Water 60/20/6/11 Plate : Silicagel 60 F ₂₅₄ Detected by : UV, ninhydrin, TMB
Optical Rotation	$[\alpha]_D^{24} = -4.8 \pm 1^\circ$ (C=1 in 1% methanol)
Assay by titration	$\geq$ 99% (HClO ₄)
Purity by TLC	$\geq$ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only