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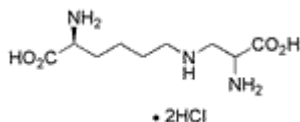
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 09444

Product

Lysinoalanine•2HCl (diastereomeric mixture:

H-Lys(DL-2-amino-2-carboxyethyl)-OH•2HCl

CAS Number 4418-81-9

Molecular Formula C₉H₁₉N₃O₄•2HCl

Molecular Weight 306.19

Appearance White powder

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

Water Content (Karl Fisher) ≤ 2.5%

TLC System Isopropanol/Ammonia conc. (1:1)
Methanol/Chloroform/Ammonia 17% (2:2:1)
Plate : silicagel 60 F₂₅₄
Detected by : UV, ninhydrin, chlorine-tolidine

Titration Chloride content : ≤ 22% (AgNO₃)

Assay ≥ 99% (Nth 13.72% by Elemental analysis)

Purity by TLC ≥ 99%

ESI-MS M = 233.3u (Average mass)

Storage Store at 0 - 8 °C

For Laboratory Use Only