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Product Specifications

Catalogue Number 02621
Product ***N*^α-Acetyl-L-lysine**

Ac-L-Lys-OH

CAS Number 1946-82-3

Molecular Formula C₈H₁₆N₂O₃

Molecular Weight 188.2

Appearance White powder

Solubility Clear solution (0.3 g in 2 ml H₂O)

Melting Point 239-246 °C

Water Content (Karl Fisher) ≤ 2.0%

Optical Rotation [α]_D²⁰ = +5.25 ± 1° (C=3 in H₂O)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to standard

Loss on Drying ≤ 2.0% (105 °C, 2h)

¹H NMR Conforms to structure

Purity by HPLC ≥ 99%

Storage Store at 0-8 °C

For Laboratory Use Only