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Product Specifications

Catalogue Number 04339
Product ***N*^α-Acetyl-*N*^γ-trityl-L-asparagine**

Ac-L-Asn(Trt)-OH

CAS Number 163277-78-9

Molecular Formula C₂₅H₂₄N₂O₄

Molecular Weight 416.48

Appearance White powder

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

Melting Point 215-217 °C

Water Content (Karl Fisher) ≤ 0.5%

TLC System Chloroform/Methanol/Benzene/Water (8:8:8:1)
Chloroform/Methanol/Acetic acid (85:10:5)
Ethylacetate/Pyridine/Acetic Acid/Water (60:10:3:4)
Plate: Silicagel 60 F₂₅₄
Detected by: UV, ninhydrin, Chlorine-Tolidine

Residual Solvents Acetic acid: ≤ 10.0%

Purity by HPLC ≥ 99%

Storage Store at 0-8°C

Additional Information Product supplied as an acetic acid salt.

For Laboratory Use Only