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Product Specifications

Catalogue Number 02230

Product **Z-Phe-Arg-AMC•HCl**

CAS Number 65147-22-0

Molecular Formula C₃₃H₃₆N₆O₆•HCl

Molecular Weight 649.15

Appearance White powder

Appearance of Solution Clear, colorless solution (50 mg/mL in Methanol)
Warm about 10 sec. at 65 °C

Melting Point 178-182 °C

TLC System Chloroform/Methanol/Acetic acid/H₂O (80:3:1)
Chloroform/Methanol/Acetic Acid (98-100%)/H₂O (45:13:1:2)
Ethyl acetate/Pyridine/Acetic acid/H₂O (60:20:6:11)
Plate: Silica gel 60 F₂₅₄
Detected by: UV, ninhydrin, chlorine-tolidine

Titration ≤ 6% (Chloride Content)

Assay ≥ 96% (Elemental analysis based on Nitrogen content)

Purity by TLC ≥ 99%

Storage Store at ≤ -15 °C

For Laboratory Use Only