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Product Specifications

Catalogue Number 05772

Product α -Methyl-D-phenylalanine

α -Me-D-Phe-OH

(R)-2-Amino-2-methyl-3-phenylpropanoic acid

CAS Number 17350-84-4

Molecular Formula C₁₀H₁₃NO₂

Molecular Weight 179.2

Appearance White powder

Melting Point 220-226 °C

TLC System Butanol/Acetic acid/Water (4:1:2) Single spot
Chloroform/Methanol/Benzene/Water (8:8:8:1) Single spot
Visualized with: UV/Iodine

Optical Rotation $[\alpha]_D^{25} = +19 \pm 2^\circ$ (C=1 in H₂O)

Chiral HPLC $\geq 99\%$ (ee)

Storage Store at 0-8 °C

For Laboratory Use Only