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Product Specifications

Catalogue Number 05780

Product α -Methyl-L-phenylalanine

α -Me-L-Phe-OH

(S)-2-Amino-2-methyl-3-phenylpropionic acid

CAS Number 23239-35-2

Molecular Formula C₁₀H₁₃NO₂

Molecular Weight 179.2

Appearance White to off-white solid

TLC System Butanol:Acetic acid:Water (1:1:1) R_f= 0.59
Chloroform:Methanol:Acetic acid (5:3:1) R_f= 0.67

Optical Rotation [α]_D²⁰ = -18 ± 1 ° (C=1 in water)

Chiral HPLC ≥ 98.5% (ee)

D-Enantiomer ≤ 1.5%

Purity by HPLC ≥ 99%

Storage Store at 0 - 8 °C

For Laboratory Use Only