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Product Specifications

Catalogue Number 09984

Product β -S-(4-Methoxybenzylmercapto)isovaleric acid

3-(4-Methoxy-benzylsulfanyl)-3-methyl butyric acid

CAS Number 268219-99-4

Molecular Formula C₁₃H₁₈O₃S

Molecular Weight 254.35

Appearance White powder

Solubility clear, colorless solution (50 mg/mL in MeOH)

Melting Point 78-82 °C

TLC System Chloroform/Methanol/Acetic acid (90/8/2)
Chloroform/Methanol/Toluene/Water (8:8:8:1)
Toluene/Dioxane/Acetic acid (95:25:4)
Ethylacetate/Pyridine/Acetic acid/Water (60:10:3:4)
Plate: Silicagel 60 F₂₅₄
Detected by: UV, ninhydrin, chlorine-tolidine

Assay $\geq 99\%$ (Elemental analysis based on Carbon content)

Purity by TLC $\geq 99\%$

Storage Store at 0-8 °C

For Laboratory Use Only