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Product Specifications

Catalogue Number 05635

Product **Benzoyl-L-Valine**

Bz-L-Val-OH

CAS Number 5699-79-6

Molecular Formula C₁₂H₁₅NO₃

Molecular Weight 221.2

Appearance White powder

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

Melting Point 133-137° C

TLC System Chloroform/Methanol/Toluene/Water 8/8/8/2
Chloroform/methanol/acetic acid/water 90/10/0.5/1
Chloroform/Methanol/Acetic Acid 85/10/5
Plate: silicagel 60 F₂₅₄
detected by: UV, chlorine-tolidine

Optical Rotation [α]_D²⁴ = +12° ± 1.5° (c=1% in water)

Purity by TLC ≥ 99%

Storage Store at RT

For Laboratory Use Only