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Product Specifications

Catalogue Number 04455
Product ***N*ⁱⁿ-Boc-D-tryptophan**

D-Trp(Boc)-OH

CAS Number 201290-11-1

Molecular Formula C₁₆H₂₀N₂O₄

Molecular Weight 304.4

Appearance Light pale fine powder

Solubility Clear, colorless solution (50mg/mL in 80% Acetic acid)

Water Content (Karl Fisher) ≤ 3%

TLC System Chloroform/Methanol/Toluene/H₂O (8:8:8:1)
Chloroform/Methanol/Acetic acid 32% (5:3:1)
Ethyl acetate/Pyridine/Acetic acid/H₂O (60:30:9:16.5)
Plate: Silica gel 60 F₂₅₄
Detected by: UV, ninhydrin, chlorine-tolidine

Assay ≥ 94% (Elemental analysis)

Purity by TLC ≥ 98%

Storage Store at 0-8°C

Additional Information Acetic acid content: ≤ 1%

For Laboratory Use Only