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Product Specifications

| | |
|--------------------------|--|
| Catalogue Number | 05535 |
| Product | Boc-L-glutamic acid γ-N-hydroxysuccinimide Boc-L-Glu(OSu)-OtBu |
| CAS Number | 81659-82-7 |
| Molecular Formula | C ₁₈ H ₂₈ N ₂ O ₈ |
| Molecular Weight | 400.43 |

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|------------------------------------|--|
| Appearance | White powder |
| Appearance of Solution | Clear, colorless solution (50 mg/mL in acetone) |
| Melting Point | 138 - 142 °C |
| Elemental Analysis (Theory) | C = 54.0 ± 0.5%, H = 7.1 ± 0.5%, N = 7.0 ± 0.5% |
| Water Content (Karl Fisher) | ≤ 0.5% |
| TLC System | Methanol 70% Plate : RP-8 Chloroform/Methanol/Acetic acid (90:8:2) Toluene/Dioxane/Acetic acid (95:25:4) Plate: Silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, TMB |
| Assay | ≥ 99% (Cth 53.99% by Elemental analysis) |
| Purity by TLC | ≥ 99% |
| Storage | Store at 0 - 8 °C |

For Laboratory Use Only