



SPECIFICATION

| Tests | Specifications |
|-------------------------------------|-----------------------------------|
| Appearance | White powder |
| Purity(HPLC) (%) | ≥98.0 |
| Optical Purity (%) | ≤0.5 D-enantiomer |
| Specific Rotation $[\alpha]_D^{20}$ | -11.0° ± 1.5° (C=1, AcOH) |
| Melting point | 100.0-112.0°C |
| Water Content (K.F.) (%) | ≤ 1.0 |
| Clarity of solution | 1 gram in 10ml DMF clear solution |
| Identification (MS) | In accordance with the standard |
| Identification (NMR) | In accordance with the standard |

Note: CS Bio reserves the right to revise the above information without any written consent to any users on any intent use of this information