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Product Specifications

| | |
|------------------------------------|--|
| Catalogue Number | 03133 |
| Product | Methyl (S)-(+)-2-pyrrolidone-5-carboxylate Pyr-OMe Methyl L-pyroglutamate |
| CAS Number | 4931-66-2 |
| Molecular Formula | C ₆ H ₉ NO ₃ |
| Molecular Weight | 143.1 |
| Caution | <i>Hygroscopic !</i> |
| Appearance | Colorless to yellowish liquid |
| Water Content (Karl Fisher) | ≤ 0.2% |
| Optical Rotation | $[\alpha]_D^{20} = +10.5 \pm 2^\circ$ (C=1 in EtOH) |
| Residual Solvents | Toluene: ≤ 0.5% |
| Purity by HPLC | ≥ 97% |
| Chiral Purity | ≥ 99% (ee) |
| Storage | Store at 0-8 °C |

For Laboratory Use Only