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Product Specifications

Catalogue Number 02190

Product **Z-L-4-*trans*-hydroxyproline**

Z-L-Hyp-OH

CAS Number 13504-85-3

Molecular Formula C₁₃H₁₅NO₅

Molecular Weight 265.3

Appearance White to off white powder

Solubility Clear Solution (0.3g in 2mL EtOH)

Melting Point 100-110 °C

**Water Content (Karl
Fisher)** ≤ 1%

Optical Rotation [α]_D = -52.0 to -57.0° (C=2 in EtOH)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to standard

Loss on Drying ≤ 1% (50 °C, 2h)

¹H NMR Conforms to structure

Purity by HPLC ≥ 98%

Storage Store at RT

For Laboratory Use Only