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Certificate of Analysis

Catalogue Number 05483
Lot Number 000424-170918-30517
Product **Boc-S-4-methoxybenzyl-D-cysteine**

Boc-D-Cys(pMeOBzl)-OH

CAS Number 58290-35-0
Molecular Formula C₁₆H₂₃NO₅S
Molecular Weight 341.4

Appearance White powder
Solubility Clear solution (0.3g in 2ml DMF)
Melting Point 72.6 - 74.2 °C
Water Content (Karl Fisher) 0.57%
Optical Rotation [α]_D²⁰ = + 36.2 ° (C=2 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.02% (30°C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 98.10%
Storage Store at 0-8 °C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager