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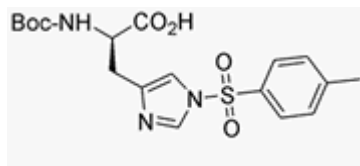
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	04050
Product	N^α-Boc-N^{im}-4-toluenesulfonyl-D-histidine Boc-D-His(Tos)-OH
CAS Number	69541-68-0
Molecular Formula	C ₁₈ H ₂₃ N ₃ O ₆ S
Molecular Weight	409.5

Appearance	White to off-white yellowish powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	119 - 130 °C
Water Content (Karl Fisher)	≤ 2%
Optical Rotation	[α] _D ²⁰ = -16 ± 3 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (50 °C, 2h)
¹ H NMR	Conforms to structure
Chiral HPLC	≥ 99.5% (ee)
L-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only