

# Chem-Impex International, Inc.

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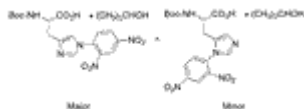
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

## Product Specifications



Catalogue Number	01357
Product	<b><i>N</i><sup>α</sup>-Boc-<i>N</i><sup>im</sup>-2,4-dinitrophenyl-L-histidine•</b> Boc-L-His(Dnp)-OH•IPA
CAS Number	25024-53-7
Molecular Formula	C <sub>17</sub> H <sub>19</sub> N <sub>5</sub> O <sub>8</sub> •C <sub>3</sub> H <sub>8</sub> O
Molecular Weight	481.5

Appearance	Light yellow powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	98 - 123 °C
Water Content (Karl Fisher)	≤ 2%
Optical Rotation	[α] <sub>D</sub> <sup>20</sup> = 56 ± 3.5 ° (C=1 in EtOAc)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (50 °C, 2h)
<sup>1</sup> H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

**For Laboratory Use Only**