

# Chem-Impex International, Inc.

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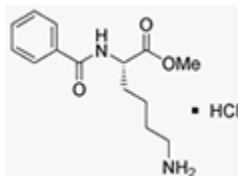
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	03102
<b>Product</b>	<b><math>N^{\alpha}</math>-Benzoyl-L-lysine methyl ester hydrochloride</b> Bz-L-Lys-OMe•HCl
<b>CAS Number</b>	14280-01-4
<b>Molecular Formula</b>	$C_{14}H_{20}N_2O_3 \cdot HCl$
<b>Molecular Weight</b>	300.8
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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3 g in 2 mL MeOH)
<b>Melting Point</b>	78-83 °C
<b>Water Content (Karl Fisher)</b>	$\leq 2.0\%$
<b>Optical Rotation</b>	$[\alpha]_D^{20} = -20 \pm 2^{\circ}$ (C=1 in H <sub>2</sub> O)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	$\geq 98\%$
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**