

# Chem-Impex International, Inc.

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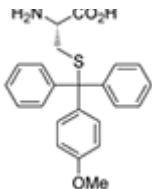
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	12006
<b>Product</b>	<b>S-4-Methoxytrityl-L-cysteine</b>
	L-Cys(Mmt)-OH
<b>CAS Number</b>	177582-20-6
<b>Molecular Formula</b>	C <sub>23</sub> H <sub>23</sub> NO <sub>3</sub> S
<b>Molecular Weight</b>	393.28
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<b>Appearance</b>	Off-white powder
<b>Solubility</b>	Clear solution (0.1 mmol in 2mL MeOH)
<b>Melting Point</b>	160-165 °C
<b>TLC System</b>	Chloroform/Methanol/Acetic acid (9:3:0.5)
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +64 ± 2° (C=2 in MeOH)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 97%
<b>Purity by TLC</b>	≥ 97%
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**