

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	05465
<b>Product</b>	<b>Boc-S-3,4-dimethylbenzyl-L-cysteine</b>  Boc-L-Cys(3,4-dimethylBzl)-OH
<b>CAS Number</b>	41117-66-2
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>25</sub> NO <sub>4</sub> S
<b>Molecular Weight</b>	339.46
<b>Appearance</b>	White powder
<b>Melting Point</b>	72-79 °C
<b>TLC System</b>	Chloroform/Methanol/Acetic acid (90:8:2) n-Butanol/Acetic acid/H <sub>2</sub> O (4:1:1)
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>24</sup> = -33 ± 2° (C=1 in MeOH)
<b>Purity by TLC</b>	≥ 98%
<b>Storage</b>	Store at 0-8°C

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**For Laboratory Use Only**