

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	04829
<b>Product</b>	<b>Trityl-L-serine triethyl ammonium salt</b>
	Trt-L-Ser-OH•TEA
	Trityl-L-β-hydroxyalanine triethyl ammonium salt
<b>CAS Number</b>	111061-44-0
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>21</sub> NO <sub>3</sub> ·C <sub>6</sub> H <sub>15</sub> N
<b>Molecular Weight</b>	448.6
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<b>Appearance</b>	White to off-white crystals
<b>Solubility</b>	Clearly soluble (0.5 mmol in 1 mL MeOH)
<b>Melting Point</b>	144-158 °C
<b>Water Content (Karl Fisher)</b>	≤ 0.5%
<b>TLC System</b>	Chloroform/Methanol/Acetic acid (90:8:2)
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -18.5° to 23.5° (C=1 in MeOH)
<b>Infrared Spectrum</b>	Conforms to reference
<b>Residual Solvents</b>	Not detected
<b>Purity by TLC</b>	≥ 98%
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**