

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39494
<b>Product</b>	<b>(1S,2S)-(+)-2-Amino-1-(4-nitrophenyl)-1,3-</b> L-(+)-threo-2-Amino-1-(4-nitrophenyl)-1,3-propanediol
<b>CAS Number</b>	2964-48-9
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>4</sub>
<b>Molecular Weight</b>	212.21

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<b>Appearance</b>	White or slightly yellow crystalline powder
<b>Melting Point</b>	165 °C
<b>Optical Rotation</b>	[α] <sub>20D</sub> = 31 - 34 ° (C=1 in 6N HCl)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Assay by titration</b>	≥ 98% (Nonaqueous titration)
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**