

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	16741
<b>Product</b>	<b>L-2-Amino-4-bromo-4-pentenoic acid</b>
<b>CAS Number</b>	151144-96-6
<b>Molecular Formula</b>	C <sub>5</sub> H <sub>8</sub> BrNO <sub>2</sub>
<b>Molecular Weight</b>	194.03

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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = - 19 ± 2 ° (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>D-Enantiomer</b>	≤ 0.5%
<b>Purity by HPLC</b>	≥ 99.0%
<b>Chiral Purity</b>	≥ 99% (ee)
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**