

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	06269
<b>Product</b>	<b>L-Valine 4-nitrobenzyl ester hydrobromide</b> L-Val-O(4-NO <sub>2</sub> Bzl)•HBr
<b>CAS Number</b>	6015-79-8
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>16</sub> N <sub>2</sub> O <sub>4</sub> ·HBr
<b>Molecular Weight</b>	333.19

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear, colorless solution (50 mg/mL in MeOH)
<b>Melting Point</b>	154-158 °C
<b>Anion</b>	Chloride: < 24% (AgNO <sub>3</sub> )
<b>TLC System</b>	Chloroform/Methanol/Acetic Acid (90:8:2) Chloroform/Ethyl acetate (9:1)
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>24</sup> = +2.5 ± 2° (C=2 in MeOH)
<b>Purity by TLC</b>	≥ 98%
<b>Storage</b>	Store at 0-8°C

**For Laboratory Use Only**