

# *Chem-Impex International, Inc.*

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## *Product Specifications*

|                          |  |
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| <b>Catalogue Number</b>  | 06439  |
| <b>Product</b>           | <b>Z-D-norleucine 4-nitrophenyl ester</b><br><br>Z-D-Nle-ONp<br><br>Z-D-2-aminohexanoic acid 4-nitrophenyl ester   |
| <b>CAS Number</b>        | 31062-20-1   |
| <b>Molecular Formula</b> | C <sub>20</sub> H <sub>22</sub> N <sub>2</sub> O <sub>6</sub>  |
| <b>Molecular Weight</b>  | 386.4  |
| <b>Appearance</b>        | White to off-white solid   |
| <b>Melting Point</b>     | 69 - 72 °C   |
| <b>TLC System</b>        | Chloroform/Methanol/Acetic acid (90/8/2)<br>Chloroform/Methanol/Benzene/H <sub>2</sub> O (8/8/8/1)<br>Chloroform/methanol/Acetic acid 32% (15/4/1)<br>Plate Silicagel 60 F <sub>254</sub><br>detected by : UV, Chlorine-tolidine |
| <b>Optical Rotation</b>  | [α] <sup>24</sup> <sub>D</sub> = 28 ± 2 ° (C=1 in DMF)   |
| <b>Storage</b>           | Store at 0 - 8 °C  |

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**For Laboratory Use Only**