

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	03329
<b>Product</b>	<b>Diazoacetyl-DL-norleucine methyl ester</b>  Diazoacetyl-DL-Nle-OMe  Diazoacetyl-DL-2-aminohexanoic acid methyl ester
<b>CAS Number</b>	7013-09-4
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>15</sub> N <sub>3</sub> O <sub>3</sub>
<b>Molecular Weight</b>	213.2
<b>Appearance</b>	Yellow powder
<b>Solubility</b>	Clear yellow solution (10% in DMF)
<b>Melting Point</b>	64-68 °C
<b>Elemental Analysis (Theory)</b>	C = 50.69%; H = 7.09%; N = 19.71%
<b>Elemental Analysis (Found)</b>	C = 50.64 ± 0.5%; H = 7.27 ± 0.5%; N = 20.12 ± 0.5%
<b>TLC System</b>	Chloroform/Methanol/Benzene/H <sub>2</sub> O (8:8:8:1) Chloroform/Methanol/H <sub>2</sub> O (100:15:1) Plate: silicagel 60 F <sub>254</sub> Detected by: UV, ninhydrin, chlorine-tolidine
<b>Purity by TLC</b>	≥ 99%
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**