

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	06431
<b>Product</b>	<b>Z-D-glutamic acid <math>\alpha</math>-methyl ester</b>  Z-D-Glu-OMe
<b>CAS Number</b>	26566-11-0
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>17</sub> NO <sub>6</sub>
<b>Molecular Weight</b>	295.29
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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear, colorless solution (50 mg/mL in MeOH)
<b>Melting Point</b>	67 - 69 °C
<b>TLC System</b>	Chloroform:Methanol:Acetic acid (90:8:2) Chloroform:Ethyl acetate:Acetic acid (50:50:2) Chloroform:Methanol:Benzene:Water (8:8:8:1) Detection UV, NH, IRH
<b>Optical Rotation</b>	[ $\alpha$ ] <sup>24</sup> <sub>D</sub> = 25.7 $\pm$ 1 ° (C=1 in MeOH)
<b>Purity by TLC</b>	$\geq$ 99%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**