

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	05943
<b>Product</b>	<b>D-Aspartic acid dimethyl ester hydrochloride</b>  D-Asp(OMe)-OMe•HCl
<b>CAS Number</b>	69630-50-8
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>11</sub> NO <sub>4</sub> •HCl
<b>Molecular Weight</b>	197.66
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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (0.3g in 2mL MeOH)
<b>Melting Point</b>	114-119 °C
<b>Water Content (Karl Fisher)</b>	≤ 1%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -14 ± 2° (C=2 in MeOH)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 1.0 (50 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 0-8°C

**For Laboratory Use Only**