

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	05689
<b>Product</b>	<b>Fmoc-D-aspartic acid <math>\alpha</math>-amide</b>  Fmoc-D-Asp-NH <sub>2</sub>  Fmoc-D-isoasparagine
<b>CAS Number</b>	200335-41-7
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>18</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight</b>	354.36

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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (0.3 g in 2 mL DMF)
<b>Melting Point</b>	173 - 176 °C
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = 18 ± 2 ° (C=1 in DMF)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Residual Solvents</b>	Ethyl acetate : ≤ 4.0%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**