

# Chem-Impex International, Inc.

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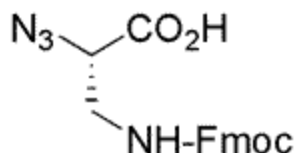
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	30514
<b>Product</b>	<b>N<sup>α</sup>-Azido-N<sup>β</sup>-Fmoc-L-2,3-diaminopropionic acid</b> (S)-2-azido-3-(Fmoc-amino)propionic acid  N <sub>3</sub> -L-Dap(Fmoc)-OH
<b>CAS Number</b>	880637-82-1
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>16</sub> N <sub>4</sub> O <sub>4</sub>
<b>Molecular Weight</b>	352.3
<b>Appearance</b>	White crystalline powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = - 49 ± 3° (C=1 in DMF)
<b>Assay by titration</b>	≥ 99%
<b>Purity by HPLC</b>	≥ 99%
<b>Purity by TLC</b>	≥ 99%
<b>Application</b>	Usefull orthogonally protected 2,3-diaminopropanoic acid derivative; see Virta et al., J.Org.Chem., 2006, 71(5), 1989-1999. Attention to modified low racemisation coupling procedure.
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**