

# Chem-Impex International, Inc.

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

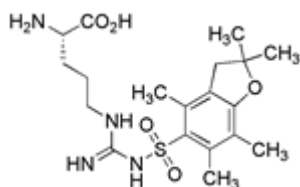
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---



## Product Specifications

<b>Catalogue Number</b>	05855
<b>Product</b>	<b>N<sup>ω</sup>-(2,2,4,6,7-</b> N <sup>ω</sup> -(2,2,4,6,7-Pentamethyldihydrobenzofuran-5-sulfonyl)-L-arginine
<b>CAS Number</b>	200115-86-2
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>30</sub> N <sub>4</sub> O <sub>5</sub> S
<b>Molecular Weight</b>	426.53

---

<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (0.3 g in 2 mL DMF)
<b>Water Content (Karl Fisher)</b>	≤ 6%
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = 4 ± 1 ° (C=2 in DMF)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 2% (50 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	≥ 99.5% (ee)
<b>D-Enantiomer</b>	≤ 0.5%
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**