

# *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>	41408
<b>Product</b>	<b>(S)-(+)-1-Aminoethylphosphonic acid</b> D-(+)-1-Aminoethylphosphonic acid D-Ala(P)
<b>CAS Number</b>	66068-76-6
<b>Molecular Formula</b>	C <sub>2</sub> H <sub>8</sub> NO <sub>3</sub> P
<b>Molecular Weight</b>	125.06

---

<b>Appearance</b>	White powder or crystals
<b>Melting Point</b>	290 °C (dec.)
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = 4.3 - 5.3 ° (C = 5 in H <sub>2</sub> O)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Assay by titration</b>	98.5 - 101.5%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**