

# *Chem-Impex International, Inc.*

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**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

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## *Product Specifications*

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 06325   |
| <b>Product</b>           | <b><i>N<sup>α</sup>-Z-D-2,4-diaminobutvric acid</i></b><br>Z-D-Dab-OH |
| <b>CAS Number</b>        | 70882-66-5  |
| <b>Molecular Formula</b> | C <sub>12</sub> H <sub>16</sub> N <sub>2</sub> O <sub>4</sub>         |
| <b>Molecular Weight</b>  | 252.48  |

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|                           |   |
|---------------------------|---|
| <b>Appearance</b>         | White crystalline powder  |
| <b>Melting Point</b>      | 178-190 °C  |
| <b>Optical Rotation</b>   | [α] <sub>D</sub> <sup>20</sup> = +9.0 to +11.5° (C=1 in H <sub>2</sub> O) |
| <b>Assay by titration</b> | ≥ 97%   |
| <b>Purity by HPLC</b>     | ≥ 99%   |
| <b>Storage</b>            | Store at 0-8°C  |

**For Laboratory Use Only**