

# *Chem-Impex International, Inc.*

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## *Product Specifications*

|                          |                                                       |
|--------------------------|-------------------------------------------------------|
| <b>Catalogue Number</b>  | 43743                                                 |
| <b>Product</b>           | <b>2,4-Diaminopyrimidine</b><br>2,4-Pyrimidinediamine |
| <b>CAS Number</b>        | 156-81-0                                              |
| <b>Molecular Formula</b> | C <sub>4</sub> H <sub>6</sub> N <sub>4</sub>          |
| <b>Molecular Weight</b>  | 110.12                                                |

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|------------------------------------|-----------------------------------------|
| <b>Appearance</b>                  | Off-white to cream to pale brown powder |
| <b>Solubility</b>                  | Clear solution in DMSO                  |
| <b>Melting Point</b>               | 137 - 147 °C                            |
| <b>Water Content (Karl Fisher)</b> | ≤ 1%                                    |
| <b><sup>1</sup>H NMR</b>           | Conforms to structure                   |
| <b>Purity by HPLC</b>              | ≥ 98%                                   |
| <b>Storage</b>                     | Store at 2 - 8 °C                       |

**For Laboratory Use Only**