

# Chem-Impex International, Inc.

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## Product Specifications

|                          |                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------|
| <b>Catalogue Number</b>  | 41855                                                                                                |
| <b>Product</b>           | <b>4-(4-Isothiocyanatophenylazo)-N,N-</b><br>4-(Dimethylamino)azobenzene-4'-isothiocyanate<br>DABITC |
| <b>CAS Number</b>        | 7612-98-8                                                                                            |
| <b>Molecular Formula</b> | C <sub>15</sub> H <sub>14</sub> N <sub>4</sub> S                                                     |
| <b>Molecular Weight</b>  | 282.36                                                                                               |

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|--------------------------|----------------------------------------|
| <b>Warnings</b>          | <i>Moisture sensitive!</i>             |
| <b>Appearance</b>        | Orange or red-brown powder or crystals |
| <b>Solubility</b>        | Soluble in DMF                         |
| <b>Melting Point</b>     | 167 - 171 °C (Lit.)                    |
| <b>Infrared Spectrum</b> | Conforms to structure                  |
| <b>Purity by HPLC</b>    | ≥ 96.5%                                |
| <b>Grade</b>             | suitable for Hematology & Histology    |
| <b>Storage</b>           | Store at RT                            |

**For Laboratory Use Only**