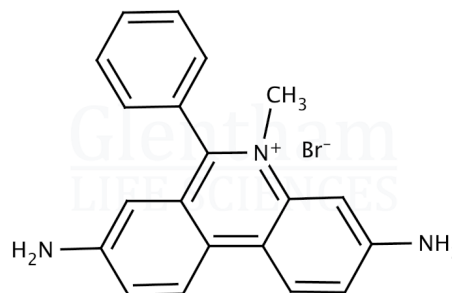


## Product Specification

|               |                  |
|---------------|------------------|
| Product Name  | Dimidium bromide |
| Glentham Code | GT2471           |
| CAS Number    | 518-67-2         |
| EINECS        | 208-256-7        |
| Numéro MDL    | MFCD00011757     |
| PubChem SID   | 310272157        |

|                   |                     |
|-------------------|---------------------|
| Molecular Weight  | 380.31              |
| Molecular Formula | $C_{20}H_{18}BrN_3$ |
| Storage Temp.     | +20°C               |



| Property                                             | Specification                                   |
|------------------------------------------------------|-------------------------------------------------|
| Physical Description                                 | Dark red to dark purple crystalline powder      |
| Solubility (0.1% in water)                           | Clear, red to dark red or dark orange solution  |
| pH                                                   | 4.0 - 7.0                                       |
| Melting Point                                        | 239 - 249 °C                                    |
| Wavelength of Maximum Absorption ( $\lambda_{max}$ ) | 523 - 528 nm (in methanol)                      |
| Absorptivity (1%/1cm)                                | 168 - 177 ( $\lambda_{max}$ , methanol, 0.001%) |
| Loss on Drying                                       | ≤ 5.0%                                          |
| Assay (Titration)                                    | 99.0 - 101.0 %                                  |

|                       |   |            |
|-----------------------|---|------------|
| Specification Version | - | v1.2       |
| Date Created          | - | 2020-03-05 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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