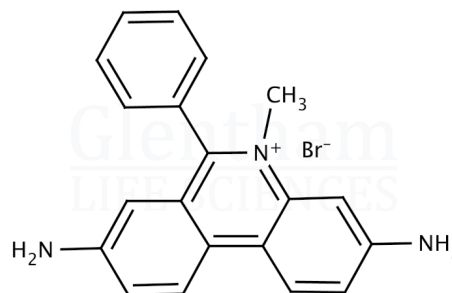


Certificate of Analysis

Product Name	Dimidium bromide
Glentham Code	GT2471
CAS Number	518-67-2
EINECS	208-256-7
MDL Number	MFCD00011757
PubChem SID	310272157
Batch Number	865PAC
Molecular Weight	380.31
Molecular Formula	$C_{20}H_{18}BrN_3$
Storage Temp.	+20°C



Property	Specification	Batch 865PAC
Physical Description	Dark red to dark purple crystalline powder	Dark purple crystalline powder
Solubility (0.1% in water)	Clear, red to dark red or dark orange solution	Clear, dark orange solution
pH	4.0 - 7.0	5.3
Melting Point	239 - 249 °C	240 - 243 °C
Wavelength of Maximum Absorption (λ_{max})	523 - 528 nm (in methanol)	524nm
Absorptivity (1%/1cm)	168 - 177 (λ_{max} , methanol, 0.001%)	174
Loss on Drying	≤ 5.0%	4.1%
Assay (Titration)	99.0 - 101.0 %	99.1%

Specification Version	v1.2
Manufacture Date	2021-06-01
Re-Test Date	2029-02-20

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 or contact us using the details above for the current version of this document.

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