

Product Datasheet

GT2471 - Dimidium bromide

Pictograms

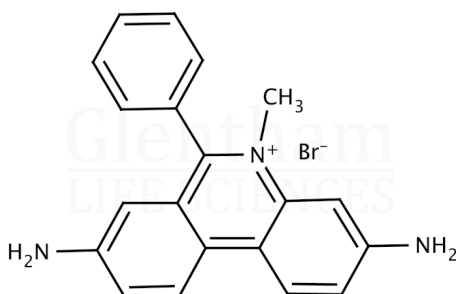


Product Details

Product Name	Dimidium bromide
Glentham Code	GT2471
CAS Number	518-67-2
EINECS	208-256-7
MDL-Nummer	MFCD00011757
PubChem SID	310272157
Related Categories	Biochemicals, Dyes & Stains, Analytical Reagents

Structure

Molecular Weight	: 380.31
Molecular Formula	: C ₂₀ H ₁₈ BrN ₃



Glentham Product 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 (λ _{max})	: 523 - 528 nm (in methanol)
Absorptivity (1%/1cm)	: 168 - 177 (λ _{max} , methanol, 0.001%)
Loss on Drying	: ≤ 5.0%
Assay (Titration)	: 99.0 - 101.0 %
Version	: v1.2

About Dimidium bromide

Dimidium bromide is an intercalating agent that can be used to visualise DNA and is generally used as a fluorescent probe for nucleic acids.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A
Signal Word	Achtung
Hazard Codes	H315, H336, H335, H319
Precautionary Codes	P280, P261, P302+P352, P305+P351+P338

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