

Product Datasheet

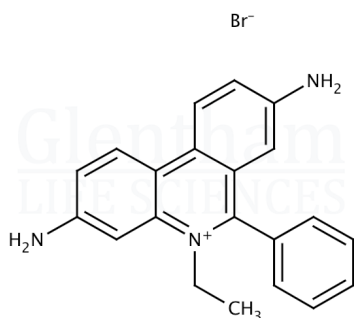
GT1710 - Ethidium bromide

Product Details

Product Name	Ethidium bromide
Glenthams Code	GT1710
CAS Number	1239-45-8
EINECS	214-984-6
Numéro MDL	MFCD00011724
PubChem SID	310272694
Related Categories	Biochemicals, Dyes & Stains, PCR, Reagents for Gel Electrophoresis of DNA/RNA, Reagents for Cell Culture, Reagents for Northern and Southern Blotting, Reagents for Western Blotting, Molecular Biology

Structure

Molecular Weight	: 394.31
Molecular Formula	: C ₂₁ H ₂₀ BrN ₃



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

CLP Classification	Acute Tox. 2, Acute Tox. 4, Muta. 2
Signal Word	Danger

Hazard Codes	H330, H302, H341
Precautionary Codes	P281, P304+P340, P308+P313, P310, P260, P301+P312

Pictograms



UN Number, Class, PG (RID)	UN2811 - 6.1 - PG I
----------------------------	---------------------

Glenthams Product Specification

Physical Description	: Red to dark red or purple crystalline powder
Solubility (1% in water)	: Clear, red to dark red solution
Wavelength of Maximum Absorption (λ _{max})	: 524.0 - 527.0 nm (in methanol)
Absorptivity (1%/1cm)	: 155 - 170 (λ _{max} , 0.05g/l, methanol, dried)
Loss on Drying	: ≤ 9.5%
Assay	: ≥ 95.0% (anhydrous basis)
Version	: v1.1

About Ethidium bromide

Ethidium bromide is an intercalating agent for both DNA and RNA and is the most commonly used fluorescence marker in gel electrophoresis.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025