

Product Datasheet

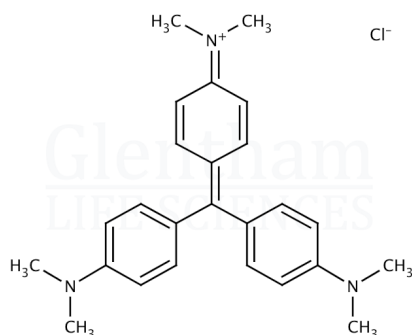
GA9809 - Crystal Violet (C.I. 42555)

Product Details

Product Name	Crystal Violet (C.I. 42555)
Glenthams Code	GA9809
CAS Number	548-62-9
EINECS	208-953-6
MDL Number	MFCD00011750
PubChem SID	310270559
Colour Index	42555
Related Categories	Antibiotics, Biochemicals, Dyes & Stains, Antimicrobials

Structure

Molecular Weight	: 407.99
Molecular Formula	: $C_{25}H_{30}ClN_3$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

CLP Classification	Carc. 1B, Aquatic Chronic 1, Eye Dam. 1, Acute Tox. 4, Aquatic Acute 1
Signal Word	Danger
Hazard Codes	H350, H410, H318, H302, H400

Precautionary Codes

P273, P280, P305+P351+P338, P308+P313, P301+P312

Pictograms



UN Number, Class, PG (RID) UN3077 - 9 - PG III

Glenthams Product Specification

Physical Description	: Green to dark green crystalline powder
Solubility (0.1% in water)	: Clear, dark purple solution
Residue on Ignition	: $\leq 1.5\%$
Water	: $\leq 7.5\%$
Assay	: 96.0 - 100.5 % (dried basis)
Version	: v1.0

About Crystal Violet (C.I. 42555)

Crystal violet, or gentian violet, is a triarylmethane dye with antimicrobial and antiseptic properties. Crystal violet is used as a dye in histology and Gram staining for classifying bacteria. It is also used in electrophoresis and various medical and veterinary applications.

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