

Product Datasheet

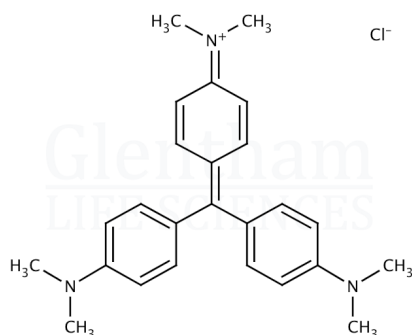
GA9809 - Crystal Violet (C.I. 42555)

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.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2024