

**Product Name:** Crystal Violet lactone  
**Catalog Number:** 043710.14

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**CAS Number:** 1552-42-7  
**IUPAC Name:** 6-(dimethylamino)-3,3-bis[4-(dimethylamino)phenyl]-1,3-dihydro-2-benzofuran-1-one  
**Molecular Formula:** C<sub>26</sub>H<sub>29</sub>N<sub>3</sub>O<sub>2</sub>  
**Molecular Weight:** 415.54  
**InChI Key:** IPAJDLMMTVZVPP-UHFFFAOYSA-N  
**SMILES:** CN(C)C1=CC=C(C=C1)C1(OC(=O)C2=CC(=CC=C12)N(C)C)C1=CC=C(C=C1)N(C)C  
**Synonym:** 6-(dimethylamino)-3,3-bis[4-(dimethylamino)phenyl]-2-benzofuran-1-one

## Product Specification

**Form:** Powder  
**Purity:** ≥95.0%  
**Absorbance:** Pale yellow to pale grey

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**Date Of Print:** 10/06/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*