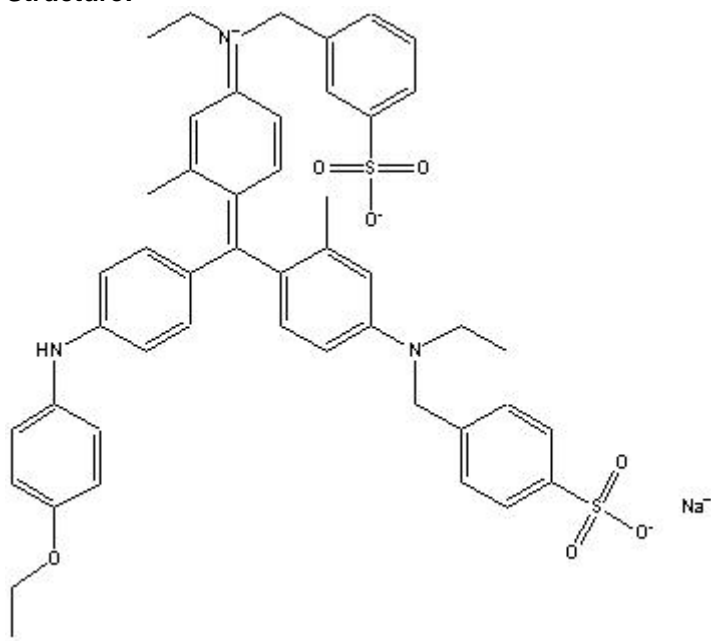


TECHNICAL INFORMATION

Catalog Number: 190343
Coomassie® Brilliant Blue G-250

Structure:



Molecular Formula: C₄₇H₄₈N₃O₇S₂ · Na

Molecular Weight: 854

CAS # 6104-58-1

Synonyms: C.I. 42655; Brilliant Blue G; Acid Blue 90

Physical Description: Blue-purple powder

Description: Useful dye for SDS gels as it readily stains proteins with minimal background color. Protein bands can be visualized during staining.

Solubility: Soluble in hot water (50 mg/ml), ethanol (40 mg/ml), methanol and 10% trichloroacetic acid.

References:

- *Anal. Biochem.*, v. **48**, 617 (1972).
- *Ann. N.Y. Acad. Sci.*, v. **209**, 127 (1973).
- Vesterberg, O., *Biochim. Biophys. Acta*, v. **243**, 345-348 (1971).
- Bradford, M.M., "A Rapid and Sensitive Method for the Quantitation of Microgram Quantities of Protein Utilizing the Principle of Protein-Dye Binding." *Anal. Biochem.*, v. **72**, 248-254 (1976).

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