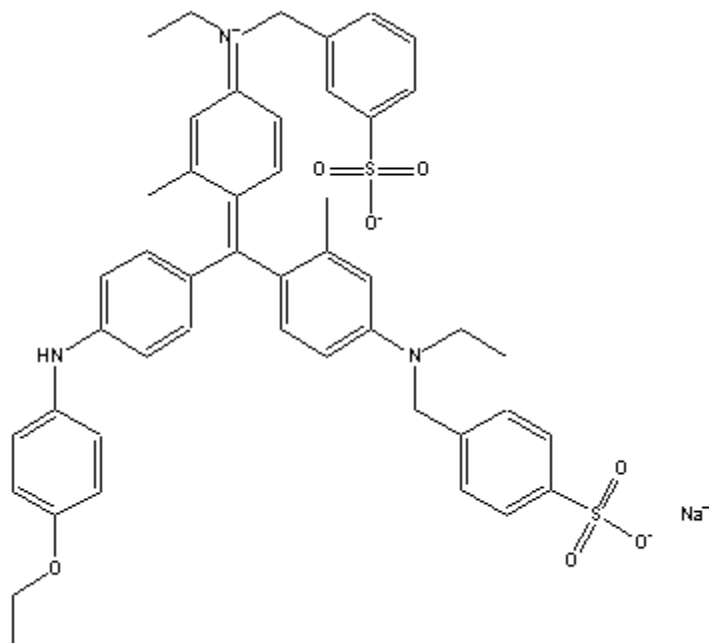


Catalog Number: 808274

Coomassie® Brilliant Blue G-250

Structure:



Molecular Formula: $C_{47}H_{48}N_3O_7S_2Na$

Molecular Weight: 854

CAS #: 6104-58-1

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

Physical Description: Blue to deep-purple powder

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

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

References:

1. *Anal. Biochem.*, v. 48, 617 (1972).
2. *Ann. N. Y. Acad. Sci.*, v. 209, 127 (1973).

3. Vesterberg, O., *Biochim. Biophys. Acta*, v. **243**, 345-348 (1971).
4. 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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