

**Product Name:** Bromophenol Blue

**Catalog No.:** 5218

**Batch No.:** 4

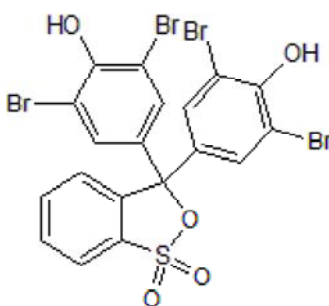
CAS Number: 115-39-9

EC Number: 204-086-2

IUPAC Name: 4,4'-(1,1-Dioxido-3H-2,1-benzoxathiol-3-ylidene)bis[2,6-dibromo-phenol]

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>19</sub>H<sub>10</sub>Br<sub>4</sub>O<sub>5</sub>S  
**Batch Molecular Weight:** 669.96  
**Physical Appearance:** Red solid  
**Solubility:** ethanol to 10 mM  
**Storage:** Store at RT  
**Batch Molecular Structure:**



**2. ANALYTICAL DATA**

**Visual Transition Interval (pH 3.0):** Pass

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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**Description:**

Dye used in gel loading buffers.

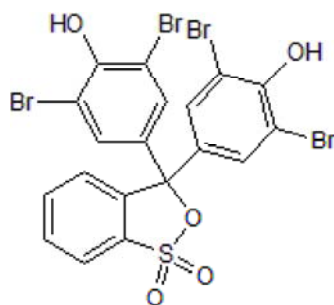
**Physical and Chemical Properties:**

Batch Molecular Formula: C<sub>19</sub>H<sub>10</sub>Br<sub>4</sub>O<sub>5</sub>S

Batch Molecular Weight: 669.96

Physical Appearance: Red solid

**Batch Molecular Structure:**



**Storage:** Store at RT

**Solubility & Usage Info:**

ethanol to 10 mM

**Stability and Solubility Advice:**

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

**SOLIDS:** Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

**SOLUTIONS:** We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

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