

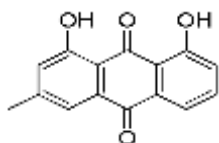
## PRODUCT: Chrysophanol

**ALTERNATE NAME:** 1,8-dihydroxy-3-methyl-9,10-anthracenedione; NSC 37132; NSC 646567

**CATALOG #:** B2181-10, 50

**AMOUNT:** 10 mg, 50 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>15</sub>H<sub>10</sub>O<sub>4</sub>

**MOLECULAR WEIGHT:** 254.2

**CAS NUMBER:** 481-74-3

**APPEARANCE:** Yellow orange to orange solid

**SOLUBILITY:** DMSO (~ 0.2 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20 °C. Protect from light and light

**DESCRIPTION:** Chrysophenol is a natural anthraquinone derivative that displays antibacterial, antiviral, anti-inflammatory, and anticancer activities in various research models. Chrysophanol has been shown to inhibit hepatitis B viral DNA production and HBsAg secretion in HepG2 2.2.15 cells.

**REFERENCES:** Qi, F., *et al.* (2013). *Drug Discov. Ther.* 7, 212-224.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

- Amphotericin B (Cat. No. 2497-250, 1G, 5G)
- Ampicillin trihydrate (Cat. No. 2483-1 G, 5G, 25 G)
- Ampicillin sodium (Cat. No. 2484-1G, 5G, 25G)
- EZSolution™ Ampicillin sodium (Cat. No. 2499-10)
- Betulinic Acid (Cat. No. 1552-25)
- Bexarotene (Cat. No. 1575-5, 50)
- Blasticidin S, Hydrochloride (Cat. No. 1859-25,100)
- Capecitabine (Cat. No. 1741-100, 1000)
- Carboplatin (Cat. No. 1553-100)
- Chloramphenicol (Cat. No. 2486-25G, 100G, 500G)
- Cefotaxime Sodium, USP (Cat. No. B1510-1G, 5G, 25G)
- Cisplatin (Cat. No. 1550-100,1000)
- Cycloheximide (Cat. No. 1041-1G, 5G)
- Cycloheximide (100 mM) (Cat. No. 1041-1)
- Daunorubicin.HCl (1524-10,50,500)
- Doxorubicin HCl (Cat. No. 1527-5)
- Fludarabine Phosphate (Cat. No. 1763-10, 50)
- G-418 Sulfate (Cat. No. 1557-100, 5G, 25G)
- Gemcitabine Hydrochloride (Cat. No. 1759-25, 100)
- Genistein (Cat. No. 1533-10)
- Nedaplatin (Cat. No. 1576-5)
- Nystatin, USP Grade (Cat. No. B1509-1G, 5G, 25G)
- Oxaliplatin (Cat. No. 1577-25)
- Paclitaxel (Cat. No. 1567-25)
- Penicillin G sodium (Cat. No. 2503-100, 500)
- Penicillin G potassium (Cat. No. 2504-25, 100)
- Phleomycin (Cat. No. 2724-5,25)
- EZSolution™ Phleomycin (Cat. No. B1531-1,5)
- Polymyxin B Sulfate (Cat. No. 2496-10, 50, 100)
- Puromycin Dihydrochloride (Cat. No. 1860-25, 100, 250, 500,1000)
- EZSolution™ Puromycin Dihydrochloride (Cat. No. 1861-100)
- Radicicol (Cat. No. B1533-1,5)
- Streptozocin (Cat. No. 1930-100, 500, 1000)
- Tamoxifen Citrate (Cat. No. 1551-1000)
- Timentin (Cat. No. B1508-1G, 5G, 25G)
- Vancomycin Hydrochloride (Cat. No. B1507-250, 1G, 5G)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**