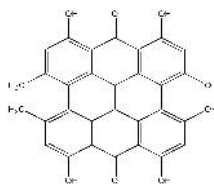


Product: Hypericin**ALTERNATE NAME:** 1,3,4,6,8,13-Hexahydroxy-10,11-dimethylphenanthro[1,10,9,8-*opqra*]perylene-7,14-dione**CATALOG #:** 2526-1, 5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C₃₀H₁₆O₈**MOLECULAR WEIGHT:** 504.45**CAS No.** 548-04-9**APPEARANCE:** Black solid**SOLUBILITY:** DMSO (~25 mg/ml) or EtOH (~10 mg/ml)**PURITY:** >98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** Isolated from *Hypericum perforatum*, St. John's Wort. Hypericin has been shown to display antiviral and antiretroviral activity. A potent and selective inhibitor of protein kinase C (IC₅₀ = 3.4 μM). Also known to inhibit Casein Kinase II (CKII), MAP Kinase, Insulin R, EGFR, PI-3 Kinase. Displays antineoplastic and antitumor activities. Most activities require light activation. Induces apoptosis in neuroblastoma cells at 1 μM or above (IC₅₀ = 0.1 μM at 29 mW/cm² (tungsten light)). Used in photodynamic treatment of tumors and has been reported to be cytotoxic to some tumor cell lines when Hypericin is photoactivated.**REFERENCES:** Kiesslich, T., *et al.* (2006). *Curr. Med. Chem.* **13**, 2189-2204.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

ABT-869 (Cat. No. 1615-1, 5)

Angiostatin, Human (Cat. No. 4919-100, 500)

Angiostatin, K1-3, Human (Cat. No. 4920-20, 100, 500)

Ascomycin (Cat. No. 1573-2)

BAY 43-9006 (Cat. No. 1594-25, 100)

BAY 43-9006, Free base (Cat. No. 2142-25, 100)

EZSolution™ BAY 43-9006 (Cat. No. 2031-25)

BIBF1120 (Cat. No. 2167-5, 25)

Borrelidin (Cat. No. 2367-250, 1000)

Carbozantinib (Cat. No. 1935-5, 25)

Castanospermine (Cat. No. 2293-10, 50)

Cediranib (Cat. No. 1613-1, 5)

Endostatin, human recombinant (Cat. No. 4759-20, 100,100)

Alpha-Glucosidase Activity Colorimetric Assay Kit (Cat. No. K690-100)

GW-786034 (Cat. No. 1916-5, 25)

Motesanib (Cat. No. 2022-5, 25)

SU 1498 (Cat. No. 1836-1, 5)

Thiabendazole (Cat. No. 2161-1G)

Tranilast (Cat. No. 1876-10, 50)

668 (Cat. No. 1931-5, 25)

Vandetanib (Cat. No. 1751-25, 100)

Vatalanib, dihydrochloride (Cat. No. 2025-5, 25)

Vatalanib, Free base (Cat. No. 2026-5, 25)

FOR RESEARCH USE ONLY! Not to be used in humans.