



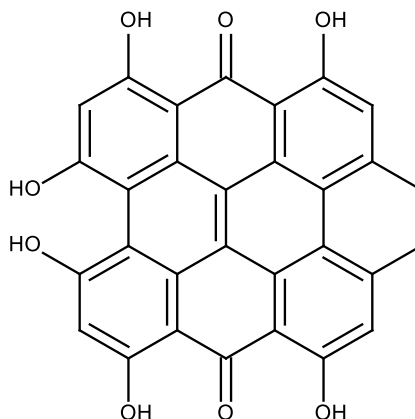
Catalog # 10-2077

Hypericin

CAS# 548-04-9

1,3,4,6,8,13-Hexahydroxy-10,11-dimethylphenanthro[1,10,9,8-opqra]perylene-7,14-dione

Lot # X102169



Natural product found in St. John's Wort (*Hypericum perforatum*). A multifunctional agent that has been reported to be antidepressive, antineoplastic, antitumor and antiviral. Inhibitory effects have been demonstrated on various enzyme including MAO, PKC, dopamine- β -hydroxylase, reverse transcriptase, telomerase and CYP.¹ Hypericin can cause photosensitivity – as a result, it is being investigated as an agent in photodynamic therapy.²

- 1) Kubin et al., (2005) *Hypericin – the facts about a controversial agent*; Current Pharm.Des. **11** 233
- 2) Theodossiou et al., (2009) *The multifaceted photocytotoxic profile of hypericin*; Mol.Pharmacol **6** 1775

PHYSICAL DATA

Molecular Weight:	504.45
Molecular Formula:	C ₃₀ H ₁₆ O ₈
Purity:	>98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 25 mg/ml); ethanol (up to 5 mg/mL)
Physical Description:	Brown solid
Storage and Stability:	Store as supplied at -20°C for up to 1 year from the date of purchase. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

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