

| Catalog | Unit |
|----------------|-------|
| TBI2077 - 1MG | 1 mg |
| TBI2077 - 10MG | 10 mg |

Product Details

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

Molecular Formula: C₃₀H₁₆O₈

Formula Weight: 504.45

CAS Number: 548-04-9

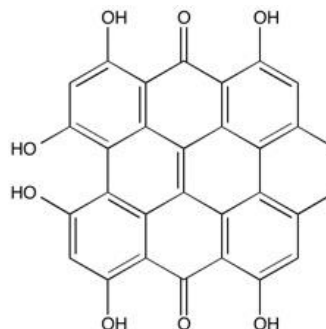
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 5 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

Protein kinase C inhibitor

Functions

Hypericin (548-04-9) is a 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. Hypericin can cause photosensitivity – as a result, it is being investigated as an agent in photodynamic therapy.

Application Procedures

First dissolved in DMSO (25 mg/ml) or ethanol (5 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

Relative Products

| | |
|---------|---------------------------------------|
| TBI1170 | Mitomycin C |
| TBI1345 | E64, Cysteine protease inhibitor |
| TBI1347 | E64d, Cysteine protease inhibitor |
| TBI2064 | Chromomycin A3 |
| TBI2069 | Cytochalasin B |
| TBI2794 | 5-EDU, DNA Click labeling probe |
| TBI2071 | Cytochalasin D |
| TBI1286 | Bestatin, Aminopeptidase inhibitor |
| TBI2140 | Gemcitabine |
| TBI2058 | Aphidicolin, DNA polymerase Inhibitor |

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