Hypericin (native)

PKC inhibitor

A potent and selective inhibitor of protein kinase C (IC_{50}=3.4µM). Anti-viral and anti-retroviral actitity. Displays antineoplastic and antitumor actitities. Most activities require light activation. Induces apoptosis in neuroblastoma cells at 1µM or above (IC50=0.1µM at 29 mW/cm^2 (tungsten light)). Inhibitition of other kinases (e.g. EGFR-PTK, CKII and MAP kinase). Bright red fluorescence emissino and photostability. Antidepressant.

Citations: 17 View Online »

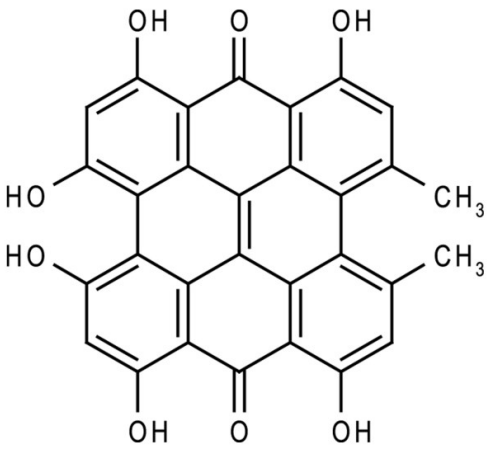
Ordering Information

Order Online »

ALX-350-030-M001	1mg

Manuals, SDS & CofA

View Online »


OH
O
OH
HO
CH3
HO
CH3
OH
O
OH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. High purity hypericin tautomerizes to 1,6-dioxo tautomer in the presence of water contained in solvents.
Handling	Protect from light and oxygen.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Dark brown to black-red powder.
CAS	548-04-9
Couple Target	PKC
Couple Type	Inhibitor
Formula	$C_{30}H_{16}O_8$
MI	**14:** 4863
MW	504.4
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (25mg/ml), 100% ethanol, methanol, acetone, ethylmethylketone, pyridine or other organic solvents and bases.
Source	Isolated from *Hypericum perforatum*.

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