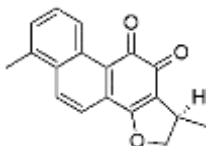


PRODUCT: Dihydrotanshinone I

ALTERNATE NAMES: (1R)-1,6-dimethyl-1,2-dihydronaphtho[1,2-g][1]benzofuran-10,11-dione; (-)-Dihydrotanshinone I, 15,16-Dihydrotanshinone I; DHT

CATALOG NUMBER: B1903-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₁₈H₁₄O₃

MOLECULAR WEIGHT: 278.30

CAS NUMBER: 87205-99-0

APPEARANCE: Red powder

SOLUBILITY: EtOH (~ 1 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: Dihydrotanshinone, isolated from *Salvia miltiorrhiza* (*S. miltiorrhiza*) is an effective anti-cardiovascular disease agent. It also induces apoptosis and inhibits proliferation of glioma cells. DHT induces growth inhibition and apoptosis of gastric cancer cells, involving activation of caspase proteins and the JNK/p38 signaling pathway.

REFERENCES: Cao, Y., *et al.* (2017). *Bosn. J. Basic Med. Sci.* May 8. doi: 10.17305/bjbms.2017.1800. [Epub ahead of print]; Cheng, R., *et al.* (2016). *Pharm. Bull.* **54**, 3019-3025.

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

RELATED PRODUCTS:

Betulinic Acid (**Cat. No. 1552-25**)
Bexarotene (**Cat. No. 1575-5, 50**)
Capecitabine (Cat. No. 1741-100, 1000)
Carboplatin (**Cat. No. 1553-100**)
Cisplatin (**Cat. No. 1550-100,1000**)
Colchicine (**Cat. No. 1519-1000**)
Daunorubicin.HCl (**1524-10,50,500**)
Docetaxel (**Cat. No. 2232-10, 50**)
Doxorubicin HCl (**Cat. No. 1527-5**)
(-)-Epigallocatechin gallate (**Cat. No. 1841-50**)
Epothilone B (**Cat. No. 2012-1, 5**)
Fludarabine Phosphate (**Cat. No. 1763-10, 50**)
Gemcitabine Hydrochloride (**Cat. No. 1759-25, 100**)
Genistein (**Cat. No. 1533-10**)
Lasalocid Sodium (**Cat. No. B1587-5,25**)
Ilimaquinone (**Cat. No. 2038-100**)
Nedaplatin (**Cat. No. 1576-5**)
Nocodazole (**Cat. No. 2185-10, 50**)
Oxaliplatin (**Cat. No. 1577-25**)
Piperlongumine (**Cat. No. 1919-10, 50**)
Paclitaxel (**Cat. No. 1567-25**)
Solamargine (**Cat. No. B1586-5,25**)
Tamoxifen Citrate (**Cat. No. 1551-1000**)
Valrubicin (AD-32) (**Cat. No. B1833-5,25**)
Vinorelbine Tartrate (**Cat. No. 1957-5, 25**)

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