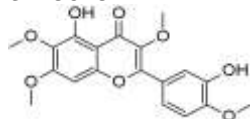


PRODUCT: Casticin**ALTERNATE NAME:** 5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-3,6,7-trimethoxychromen-4-one; Vitexicarpin**CATALOG #:** B1575-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₉H₁₈O₈**MOLECULAR WEIGHT:** 374.34**CAS NUMBER:** 479-91-4**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (10 mg/ml) or EtOH (1 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** Casticin, a polymethoxyflavone, is one of the major active components obtained from Fructus viticis. It displays anticancer activities including induction of cell apoptosis in human cancer cells. Casticin impairs cell migration and invasion of mouse melanoma B16F10 cells via PI3K/AKT and NF-κB signaling pathways.**REFERENCES:** Shang, H.S., *et al.* (2016). *Environ. Toxicol.* Nov 14. doi: 10.1002/tox.22381. [Epub ahead of print]**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**)
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**)
Tamoxifen Citrate (**Cat. No. 1551-1000**)
Vinorelbine Tartrate (**Cat. No. 1957-5, 25**)

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