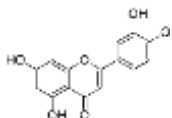


**PRODUCT: Diosmetin****ALTERNATE NAMES:** 5,7-dihydroxy-2-(3-hydroxy-4-methoxyphenyl)-4H-1-benzopyran-4-one; Disometol**CATALOG NUMBER:** B1922-50, 250**AMOUNT:** 50 mg, 250 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>16</sub>H<sub>12</sub>O<sub>6</sub>**MOLECULAR WEIGHT:** 300.3**CAS NUMBER:** 520-34-3**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (~30 mg/ml)**PURITY:** ≥98%**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** Diosmetin is a natural flavonoid that displays anticancer, antimicrobial, antioxidant, estrogenic and anti-inflammatory activity. It reversibly inhibits cytochrome P450 (CYP) isoforms 1A1 and 1B1 in human liver microsomes with K<sub>i</sub> values of 89 and 16 nM, respectively. Diosmetin also activates BMP signaling.**REFERENCES:** Quintieri, L., *et al.* (2011). *Drug Metab. Pharmacokinet.* **26**, 559-568.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**AMMC iodide (**2873**)  
Azamulin (**2915**)  
Quinidine Sulfate dehydrate (**2910**)  
Bromocryptine (mesylate) (**2916**)  
Cobicistat (**9474**)  
Lipochalcone A (**B1909**)  
PF-04981517 (**2917**)  
Quinidine Sulfate dehydrate (**2910**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**