

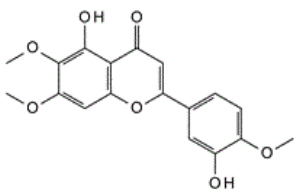
Eupatorin and Sinensetin

Sinensetin is a polymethoxylated flavonoid found in Citrus and Salvia genus as well as in the Southeast Asian medical plant *Orthosiphon stamineus*, which is well known for the production of the popular Asian Java tea. The plant contains also the flavonoid eupatorin and two other 6-hydroxylated flavones, eupatorin 5-methylether and scutellarein tetramethyl ether. These bioactive compounds constitute a characteristic flavonoid profile of this plant.

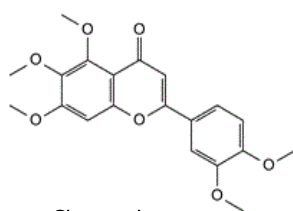


Orthosiphon stamineus

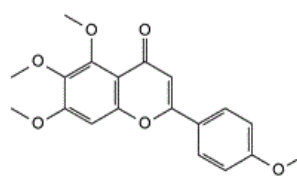
Both eupatorin and sinensetin have been shown to have biological effects on fatty acid and glucose metabolism, inflammation, angiogenesis and cancer. Such findings raise exciting possibilities about the health benefits of these and other flavonoids but future research is required to determine more precisely their biochemical and biological effects.



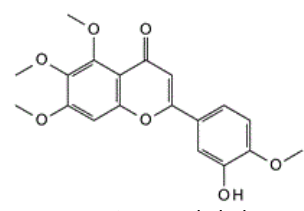
Eupatorin



Sinensetin



Scutellarein



Eupatorin 5-methylether

Biosynth Carbosynth supplies over 500 different flavonoids (synthetic and of plant origin) for analytical and bio-test purposes in the food and pharmaceutical industries, and for general research in universities and other academic institutions.

Code	Product	Activity	Quantity	Price (\$)
FS65393	Sinensetin	Inhibitor of α-glucosidase and α-amylase	100 mg	280.00
FE65553	Eupatorin	Anti-proliferative and cytostatic activity	100 mg	250.00
FE23208	Eupatorin 5-methylether	Inhibitor of protein disulfide-isomerase A3	100 mg	90.00
FT75183	Scutellarein tetramethyl ether	Inhibitor of Src kinase; anti-inflammatory	On application	