

Catalog Number: CM06725

## 产品信息

**Catalog Number:**  
CM06725

**CAS号:**  
1617-53-4

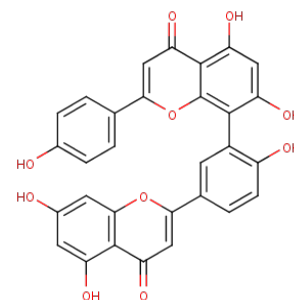
**分子式:**  
C<sub>30</sub>H<sub>18</sub>O<sub>10</sub>

**主要靶点:**  
Reactive Oxygen  
Species|Apoptosis|Antibacterial|P450|Antifungal|RSV|Opioid  
Receptor|COX|Phospholipase

**主要通路:**  
代谢|G蛋白偶联受体|微生物学|NF-  
κB信号通路|凋亡|免疫与炎症|内  
分泌与激素|神经科学

**分子量:**  
538.46

**溶解度:**  
Chloroform, Dichloromethane,  
Ethyl Acetate:Soluble,DMSO:34  
mg/mL (63.14  
mM), Sonification is  
recommended.



## 描述

Amentoflavone, as a potent inhibitor of CYP3A4 and CYP2C9, can interact with many other medications. CYP3A4 and CYP2C9 are proteins used for drug metabolism in the body. Amentoflavone also is an inhibitor of human cathepsin B. It has antimalarial activity in trials significant affinities towards the Delta-1, kappa opioid receptors (as an antagonist) and binds to benzodiazepine receptors. Amentoflavone may be a potential lead for a new type of anti-inflammatory agents having the dual inhibitory activity of group II phospholipase A2 and cyclooxygenase. Amentoflavone and quercetin differentially exerted suppression of PGE2 biosynthesis via downregulation of COX-2/iNOS expression.

## 储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years