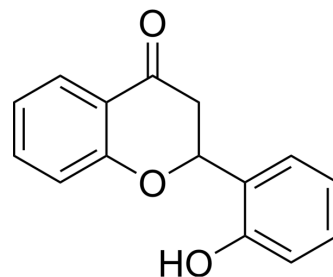


## 2'-Hydroxyflavanone

Cat. No.:	HY-134556
CAS No.:	17348-76-4
Molecular Formula:	C <sub>15</sub> H <sub>12</sub> O <sub>3</sub>
Molecular Weight:	240.25
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

2'-Hydroxyflavanone is a flavanone that can inhibit cancer cell proliferation, induce apoptosis, and reduce inflammation. 2'-Hydroxyflavanone shows inhibitory effect on platelet aggregation caused by two inducers with IC<sub>50</sub>s 47.8 μM arachidonic acid (AA) and 147.2 μM adenosine diphosphate (ADP)<sup>[1]</sup>.

### REFERENCES

[1]. Khaled Alkadi, et al. Antiplatelet aggregation activity of 5-Hydroxyflavone, 2'-Hydroxyflavanone, Paeonol and bergenin isolated from stem bark of *Garcinia malaccensis* in human whole blood. September 2013 *Oriental Journal Of Chemistry* 29(03):871-875

**Caution: Product has not been fully validated for medical applications. For research use only.**

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