

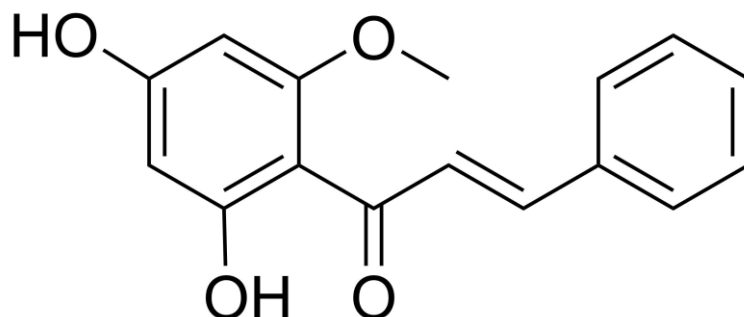
# PRODUCT INFORMATION



## Cardamonin

Catalog No.: FLV-63-5

CAS Registry No.:	19309-14-9
Molecular Formula:	C <sub>16</sub> H <sub>14</sub> O <sub>4</sub>
Synonyms:	Cardamomin Alpinetin chalcone (E)-Cardamonin
Molecular Weight:	270.28 g/mol
Purity:	≥95% (HPLC)
Form:	Yellow powder
Source:	<i>Boesenbergia rotunda</i> .



### Description

Cardamonin as known as 2', 4'-dihydroxy-6'-methoxychalcone<sup>1</sup>. It is commonly isolated from different plants of the family Zingiberaceae. Biological activities from cardamonin such as inhibiting the activity of transcriptional factors (NF-κB, STAT-3, Wnt/β-catenin) and its application as anticancer, anti-inflammatory, antimicrobial and antidiabetic agent<sup>2</sup>.

### References

1. Mehmood, A., Sun, Y., Chen, X. Cardamonin: Advances on Resources, Biosynthesis Pathway, Bioavailability, Bioactivity, and Pharmacology. In: Xiao, J. (eds) Handbook of Dietary Flavonoids. Springer, Cham. 2023.
2. Nawaz, J., Rasul, A., Shah, M. A., Hussain, G., Riaz, A., Sarfraz, I., ... Selamoglu, Z. Cardamonin: A new player to fight cancer via multiple cancer signaling pathways. Life Sciences, 117591. 2020.

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