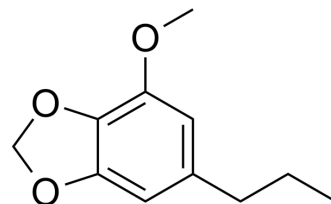


## Dihydromyristicin

<b>Cat. No.:</b>	HY-N10106
<b>CAS No.:</b>	52811-28-6
<b>Molecular Formula:</b>	C <sub>11</sub> H <sub>14</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	194.23
<b>Target:</b>	Reactive Oxygen Species
<b>Pathway:</b>	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Dihydromyristicin, a plant flavonoid, has potent anti-inflammatory properties. Dihydromyristicin reduces endotoxin inflammation via repressing ROS-mediated activation of PI3K/Akt/NF-κB signaling pathways<sup>[1]</sup>.

### REFERENCES

[1]. Qi S, et al. Ampelopsin reduces endotoxin inflammation via repressing ROS-mediated activation of PI3K/Akt/NF-κB signaling pathways. *Int Immunopharmacol.* 2012;12(1):278-287.

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

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