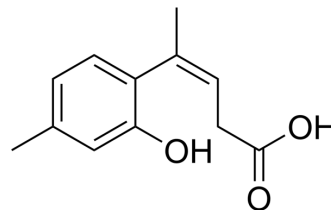


## Asperbisabolane L

Cat. No.:	HY-N10458
Molecular Formula:	C <sub>12</sub> H <sub>14</sub> O <sub>3</sub>
Molecular Weight:	206.24
Target:	NF-κB
Pathway:	NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Asperbisabolane L, a sesquiterpenoid, exerts the anti-inflammatory activity by inhibiting the NF-κB-activated pathway. Asperbisabolane L inhibits the translocation of NF-κB from cytoplasm to the nucleus. Asperbisabolane L also inhibits NO production in LPS-activated BV-2 microglia cells<sup>[1]</sup>.

### REFERENCES

[1]. Siwen Niu, et al. Phenolic bisabolane and cuparene sesquiterpenoids with anti-inflammatory activities from the deep-sea-derived *Aspergillus sydowii* MCCC 3A00324 fungus. *Bioorg Chem.*

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

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