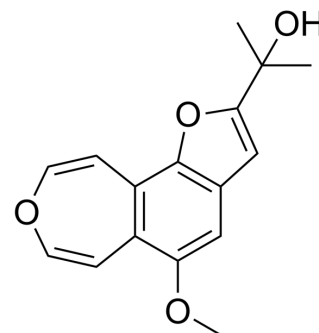


## Dehydroperilloxin

Cat. No.:	HY-N7324
CAS No.:	263241-09-4
Molecular Formula:	C <sub>16</sub> H <sub>16</sub> O <sub>4</sub>
Molecular Weight:	272.3
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Dehydroperilloxin is a natural compound isolated from the dichloromethane extract of the stems of <i>Perilla frutescens</i> var. <i>acuta</i> . Dehydroperilloxin possesses inhibitory activity against cyclooxygenase-1, with the IC <sub>50</sub> value of 30.4 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	30.4 μM (cyclooxygenase-1) <sup>[1]</sup> .

### REFERENCES

[1]. Liu J, et al. Two new prenylated 3-benzoxepin derivatives as cyclooxygenase inhibitors from *Perilla frutescens* var. *acuta*. *J Nat Prod.* 2000;63(3):403-405.

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

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