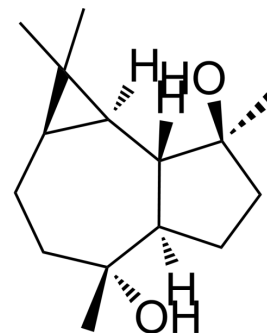


## Aromadendrane-4 $\beta$ ,10 $\alpha$ -diol

Cat. No.:	HY-N1876
CAS No.:	70051-38-6
Molecular Formula:	C <sub>15</sub> H <sub>26</sub> O <sub>2</sub>
Molecular Weight:	238.37
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Aromadendrane-4 $\beta$ ,10 $\alpha$ -diol is a sesquiterpene alcohol. Aromadendrane-4 $\beta$ ,10 $\alpha$ -diol significantly ameliorates the A $\beta$ 1-42 peptide-induced memory impairment. Aromadendrane-4 $\beta$ ,10 $\alpha$ -diol can be used for Alzheimer's disease (AD) research <sup>[1]</sup> .
<b>In Vivo</b>	Aromadendrane-4 $\beta$ ,10 $\alpha$ -diol (1 $\mu$ g/mouse, i.c.v.) significantly increases the activity of antioxidant enzymes (glutathione, GSH) and decreases of lipid peroxidation in A $\beta$ 1-42 (400 pmol/mouse, i.c.v.) mice <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Amoah SK, et al. Inhibitory effect of sesquiterpene lactones and the sesquiterpene alcohol aromadendrane-4 $\beta$ ,10 $\alpha$ -diol on memory impairment in a mouse model of Alzheimer. Eur J Pharmacol. 2015 Dec 15;769:195-202.

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

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