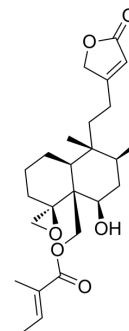


## Ajudecunoid A

Cat. No.:	HY-N10838
CAS No.:	124961-67-7
Molecular Formula:	C <sub>25</sub> H <sub>36</sub> O <sub>6</sub>
Molecular Weight:	432.55
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Ajudecunoid A is nature product that could be isolated from Ajuga decumbens. Ajudecunoid A inhibits RANKL-Induced osteoclastogenesis <sup>[1]</sup> .	
<b>In Vitro</b>	Ajudecunoid A (compound 1; 3 and 10 μM; 48 h) suppresses RANKL-induced osteoclastogenesis in a concentration dependent manner <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only. Cell Viability Assay <sup>[1]</sup>	
	Cell Line:	Osteoclastogenesis
	Concentration:	3 and 10 Mm
	Incubation Time:	48 hours
	Result:	Inhibited RANKL-induced osteoclastogenesis in a concentration dependent manner.

### REFERENCES

[1]. Wang H, et, al. Diterpenoids from the Whole Plants of Ajuga nipponensis and Their Inhibition of RANKL-Induced Osteoclastogenesis. Chem Biodivers. 2021 Jan;18(1):e2000780.

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

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