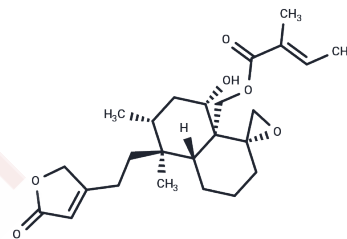


## Ajudecunoid A

## Chemical Properties

CAS No. :	124961-67-7
Formula:	C <sub>25</sub> H <sub>36</sub> O <sub>6</sub>
Molecular Weight:	432.55
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Ajudecunoid A, a natural product isolated from <i>Ajuga decumbens</i> , inhibits RANKL-induced osteoclastogenesis [1].
In vitro	Ajudecunoid A (compound 1; 3 and 10 $\mu$ M; 48 h) inhibits RANKL-induced osteoclastogenesis in a concentration-dependent manner [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3119 mL	11.5594 mL	23.1187 mL
5 mM	0.4624 mL	2.3119 mL	4.6237 mL
10 mM	0.2312 mL	1.1559 mL	2.3119 mL
50 mM	0.0462 mL	0.2312 mL	0.4624 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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