

## Peniditerpenoid A

## Chemical Properties

CAS No. :

Formula: C<sub>27</sub>H<sub>33</sub>N<sub>0</sub>O<sub>7</sub>

Molecular Weight:

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	Peniditerpenoid A is a bicyclic indole diterpene. It can reduce the expression of RANKL-induced p-IkB $\alpha$ and inhibit RANKL-induced osteoclast differentiation. Peniditerpenoid A holds potential for osteoporosis research.
Targets(IC50)	Others
In vitro	Peniditerpenoid A (compound 1) (5, 10, 20 $\mu$ M) inhibits RANKL-induced osteoclast differentiation in a dose-dependent manner. Additionally, Peniditerpenoid A at these concentrations reduces the expression of p-IkB $\alpha$ in RAW264.7 cells.

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

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481