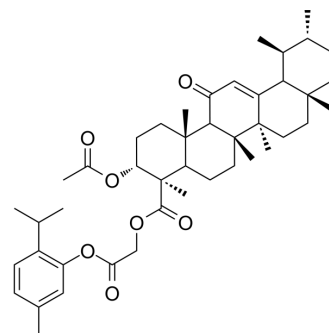


## Anti-inflammatory agent 61

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-156431   |
| Molecular Formula: | C <sub>44</sub> H <sub>62</sub> O <sub>7</sub>  |
| Molecular Weight:  | 702.96  |
| Target:            | TNF Receptor  |
| Pathway:           | Apoptosis   |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

Anti-inflammatory agent 61 (Compound 5b) is a potent anti-inflammatory agent. Anti-inflammatory agent 61 reduces TNF- $\alpha$  expression in LPS-induced inflammation in RAW 264.7 cells. Anti-inflammatory agent 61 alleviates APAP-induced inflammation in HepG2 cells<sup>[1]</sup>.

### REFERENCES

[1]. Elgazar AA, et al. 3-Acetyl-11-keto- $\beta$ -boswellic Acid-Based Hybrids Alleviate Acetaminophen-Induced Hepatotoxicity in HepG2 by the Regulation of Inflammatory and Oxidative Stress Pathways: An Integrated Approach. ACS Omega. 2023 Oct 12;8(42):39490-39510.

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

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