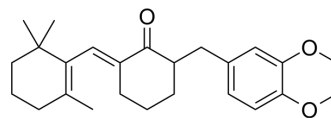


## Anti-inflammatory agent 77

Cat. No.:	HY-163458
Molecular Formula:	C <sub>25</sub> H <sub>34</sub> O <sub>3</sub>
Molecular Weight:	382.54
Target:	Interleukin Related
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Anti-inflammatory agent 77 (C12) is a β-cycloacinnamylidene derived mono-carbonyl curcumin analog and an inhibitor of interleukin-6 (IL-6). Anti-inflammatory agent 77 can be used in the study of wound healing<sup>[1]</sup>.

### REFERENCES

[1]. Forid MS, et al. Identification of β-cycloacinnamylidene derived mono-carbonyl curcumin analogs as potential interleukin-6 inhibitor to treat wound healing through QSAR, molecular docking, MD simulation, MM-GBSA calculation. J Biomol Struct Dyn. 2024 Mar 23:1-12.

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

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