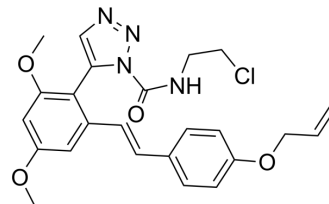


## Anti-inflammatory agent 66

Cat. No.:	HY-157211
Molecular Formula:	C <sub>24</sub> H <sub>25</sub> ClN <sub>4</sub> O <sub>4</sub>
Molecular Weight:	468.93
Target:	NF-κB; p38 MAPK
Pathway:	NF-κB; MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Anti-inflammatory agent 66 (compound 8) is a pterostilbene derivative with anti-inflammatory activity. Anti-inflammatory agent 66 inhibits pro-inflammatory cytokines by blocking the LPS-induced NF-κB/MAPK signaling pathway and effectively alleviates DSS-induced acute colitis in mice<sup>[1]</sup>.

### REFERENCES

[1]. Chen L et al. Design and synthesis of pterostilbene derivatives bearing triazole moiety that might treat DSS-induced colitis in mice through modulation of NF-κB/MAPK signaling pathways. *Eur J Med Chem.* 2023 Nov 17;263:115949.

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

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