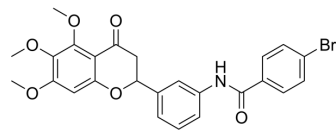


## Anti-inflammatory agent 45

Cat. No.:	HY-155557
Molecular Formula:	C <sub>25</sub> H <sub>22</sub> BrNO <sub>6</sub>
Molecular Weight:	512.35
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Anti-inflammatory agent 45 (compound 2v) is an anticancer agent with direct inhibitory effects on the growth of different blood cancers including leukemia, lymphoma and myeloma cell lines. Anti-inflammatory agent 45 induces apoptosis and inhibits NO production in HL60 leukemia cells (IC<sub>50</sub>=14.7 μM)<sup>[1]</sup>.

### REFERENCES

[1]. Hassan AHE, et al. Design, synthesis, and evaluation of new anti-inflammatory natural products amide derivatives endowed with anti-blood cancer activity towards development of potential multifunctional agents against hematological cancers. *Eur J Med Chem.* 2023 Oct 5;258:115566.

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

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