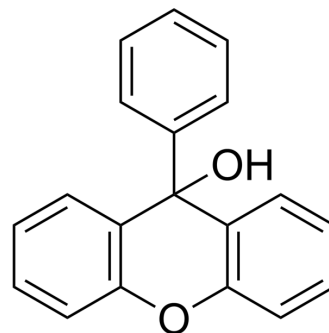


## Antioxidant agent-15

Cat. No.:	HY-20808
CAS No.:	596-38-3
Molecular Formula:	C <sub>19</sub> H <sub>14</sub> O <sub>2</sub>
Molecular Weight:	274.31
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Antioxidant agent-15 (Compound 4) is a potent antioxidant inhibition activity, with the IC <sub>50</sub> of 15.44 nM. Antioxidant agent-15 inhibits tumor cell growth in Hela, Hep G2 and Caco-2 cells, with the IC <sub>50</sub> of 395.26, 400.4 and 24.6 nM, respectively <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	95.26, 400.4 and 24.6 nM (Hela, Hep G2 and Caco-2 cells) <sup>[1]</sup>

### REFERENCES

[1]. Abualhasan M, et al. Biological Evaluation of Xanthene and Thioxanthene Derivatives as Antioxidant, Anticancer, and COX Inhibitors. ACS Omega. 2023;8(41):38597-38606.

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

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