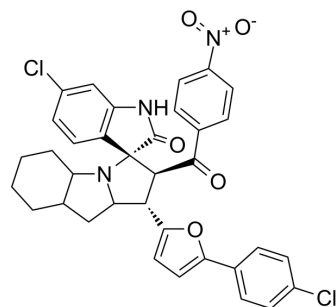


## Anticancer agent 85

<b>Cat. No.:</b>	HY-151564
<b>CAS No.:</b>	2841658-29-3
<b>Molecular Formula:</b>	C <sub>35</sub> H <sub>29</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>5</sub>
<b>Molecular Weight:</b>	642.53
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Anticancer agent 85 (compound 6j) is an anticancer agent that shows good cytotoxicity against MCF7 cells. Anticancer agent 85 can be used in breast cancer and other cancer studies <sup>[1]</sup> .								
<b>In Vitro</b>	<p>Anticancer agent 85 (0-20 μM; 48 h) shows good cytotoxic activity (IC<sub>50</sub>=4.7 μM) in MCF7 cells<sup>[1]</sup>. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <p>Cell Cytotoxicity Assay<sup>[1]</sup></p> <table border="1"> <tr> <td>Cell Line:</td> <td>MCF7 cells</td> </tr> <tr> <td>Concentration:</td> <td>0-20 μM</td> </tr> <tr> <td>Incubation Time:</td> <td>48 h</td> </tr> <tr> <td>Result:</td> <td>Inhibited MCF7 cells with an IC<sub>50</sub> value of 4.7 μM.</td> </tr> </table>	Cell Line:	MCF7 cells	Concentration:	0-20 μM	Incubation Time:	48 h	Result:	Inhibited MCF7 cells with an IC <sub>50</sub> value of 4.7 μM.
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Concentration:	0-20 μM								
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### REFERENCES

[1]. Altowyan MS, et al. Synthesis, Characterization, and Cytotoxicity of New Spirooxindoles Engrafted Furan Structural Motif as a Potential Anticancer Agent. ACS Omega. 2022 Sep 27;7(40):35743-35754.

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

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