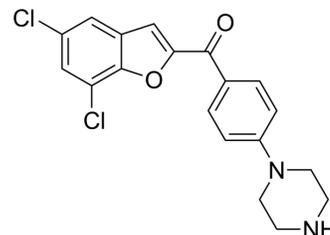


## Anticancer agent 146

Cat. No.:	HY-155146
Molecular Formula:	C <sub>19</sub> H <sub>16</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	375.25
Target:	Necroptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Anticancer agent 146 (compound 1.19) is a necroptosis inducer. Anticancer agent 146 has anti-tumor efficacy in the mouse MDA-MB-231 xenograft model <sup>[1]</sup> .
<b>In Vitro</b>	Anticancer agent 146 (compound 1.19) inhibits different cancer cell lines with IC <sub>50</sub> s of 8.54 μM (MDA-MB-231), 4.24 μM (MCF7), 4.67 μM (4T1), 8.02 μM (67NR), 3.36 μM (MIAPaCa-2), and 1.76 μM (WiDr) <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Schumacher TJ, et al. Synthesis and biological evaluation of benzofuran piperazine derivatives as potential anticancer agents. *Bioorg Med Chem Lett*. 2023 Sep 1;93:129425..

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

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