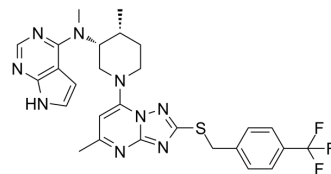


## Antitumor agent-58

Cat. No.:	HY-146323
Molecular Formula:	C <sub>27</sub> H <sub>28</sub> F <sub>3</sub> N <sub>9</sub> S
Molecular Weight:	567.63
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antitumor agent-58 (Compound C18) is an anti-tumor agent. Antitumor agent-58 effectively inhibits colony formation and cell migration of MGC-803 cells. Antitumor agent-58 induces apoptosis of MGC-803 cells through activation of the p38 and JNK signaling pathways. Antitumor agent-58 induces mitochondrial dysfunction of MGC-803 cells. Antitumor agent-58 effectively inhibits tumor growth of xenograft model bearing MGC-803 cells<sup>[1]</sup>.

### REFERENCES

[1]. Shi XJ, et al. Discovery of tofacitinib derivatives as orally active antitumor agents based on the scaffold hybridization strategy. *Eur J Med Chem.* 2020 Oct 1;203:112601.

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

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