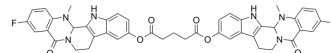


Antitumor agent-59

| | |
|--------------------|---|
| Cat. No.: | HY-146409 |
| CAS No.: | 2409952-04-9 |
| Molecular Formula: | C ₄₃ H ₃₆ F ₂ N ₆ O ₆ |
| Molecular Weight: | 770.78 |
| Target: | Apoptosis |
| Pathway: | Apoptosis |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|-------------|--|
| Description | Antitumor agent-59 (Compound 13b) is a potent antitumor agent. Antitumor agent-59 effectively inhibits the proliferation and migration of HCT116 cells. Antitumor agent-59 induces HCT116 cell apoptosis and arrests the cell cycle at the G2/M phase ^[1] . |
| In Vitro | Antitumor agent-59 (Compound 13b) (72 h) shows antitumor activities with IC ₅₀ values of 0.032 ± 0.0071, 0.20 ± 0.020, 0.73 ± 0.12 and 0.58 ± 0.15 μM against HCT116, MCF-7, A549 and HUVEC cells, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. Liang H, et al. Discovery of novel bis-evodiamine derivatives with potent antitumor activity. *Bioorg Med Chem*. 2022 Jul 1;65:116793.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA