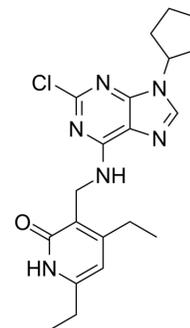


SKLB0565

| | |
|--------------------|---|
| Cat. No.: | HY-147949 |
| CAS No.: | 2414607-10-4 |
| Molecular Formula: | C ₂₀ H ₂₅ ClN ₆ O |
| Molecular Weight: | 400.91 |
| Target: | Microtubule/Tubulin; Apoptosis |
| Pathway: | Cell Cycle/DNA Damage; Cytoskeleton; Apoptosis |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

SKLB0565 is a potent tubulin inhibitor. SKLB0565 shows significant anti-proliferative activity against CRC (colorectal carcinoma) cell lines, with IC₅₀ values ranging from 0.012 μM to 0.081 μM. SKLB0565 causes G2/M phase arrest and mitochondria-mediated intrinsic apoptosis. SKLB0565 inhibits cell migration and disrupted the tube formation of HUVECs^[1].

REFERENCES

[1]. Hu X, et al. Design, synthesis and biological evaluation of a novel tubulin inhibitor SKLB0565 targeting the colchicine binding site. *Bioorg Chem.* 2020 Apr;97:103695.

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