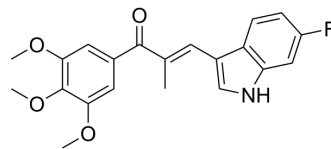


FC-116

Cat. No.:	HY-155068
CAS No.:	2417298-29-2
Molecular Formula:	C ₂₁ H ₂₀ FNO ₄
Molecular Weight:	369.39
Target:	Reactive Oxygen Species; Apoptosis; Microtubule/Tubulin
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB; Apoptosis; Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

FC-11 is a Tubulin inhibitor that effectively inhibits tumor growth in mice. FC-11 can also induce endoplasmic reticulum (ER) stress to generate excess reactive oxygen species (ROS), leading to mitochondrial damage, thereby promoting apoptosis in colorectal cancer (CRC) cells by targeting microtubules. FC-11 can be used in cancer research^[1].

REFERENCES

[1]. Liu X, et al. Fluorindole chalcone analogues targeting the colchicine binding site of tubulin for colorectal oncotherapy. *Eur J Med Chem.* 2023 Sep 5;257:115540.

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