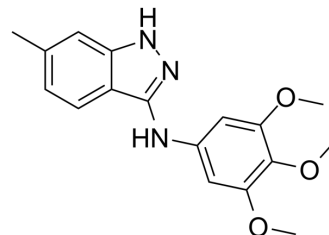


Tubulin inhibitor 26

Cat. No.:	HY-146366
CAS No.:	2379241-70-8
Molecular Formula:	C ₁₇ H ₁₉ N ₃ O ₃
Molecular Weight:	313.35
Target:	Microtubule/Tubulin
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Tubulin inhibitor 26 (compound 3c) is a potent inhibitor of tubulin. Tubulin inhibitor 26 is an indazole derivative compound. Tubulin inhibitor 26 shows noteworthy low nanomolar potency against HepG2, HCT116, SW620, HT29 and A549 cancer cell lines. Tubulin inhibitor 26 arrests tumor cell in G2/M phase and induced cell apoptosis. Tubulin inhibitor 26 suppresses tumor growth in vivo without affecting the mice body weight^[1].

REFERENCES

[1]. Cui YJ, et al. The discovery of novel indazole derivatives as tubulin colchicine site binding agents that displayed potent antitumor activity both in vitro and in vivo. *Eur J Med Chem.* 2020;187:111968

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