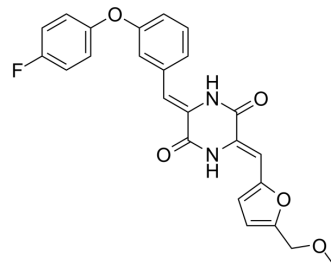


Microtubule inhibitor 6

Cat. No.:	HY-147727
CAS No.:	2416338-64-0
Molecular Formula:	C ₂₄ H ₁₉ FN ₂ O ₅
Molecular Weight:	434.42
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

Microtubule inhibitor 6 (compound 17o) is a potent microtubule inhibitor. Microtubule inhibitor 6 shows cytotoxicity with IC₅₀s of 14.0, 6.6, 7.0 nM for NCI-H460, BxPC-3, HT-29 cells, respectively. Microtubule inhibitor 6 efficiently inhibits microtubule polymerization^[1].

REFERENCES

[1]. Ding Z, et al. Structure-based design and synthesis of novel furan-diketopiperazine-type derivatives as potent microtubule inhibitors for treating cancer. *Bioorg Med Chem.* 2020 May 15;28(10):115435.

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