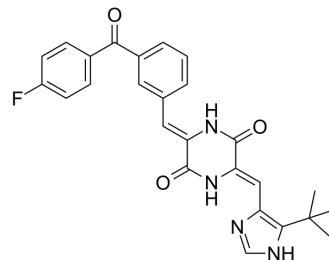


Microtubule inhibitor 3

Cat. No.:	HY-147724
CAS No.:	1236141-96-0
Molecular Formula:	C ₂₆ H ₂₃ FN ₄ O ₃
Molecular Weight:	458.48
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

Compounds 17O (ic_{50} = 14.0 nm, NCI-H460) and 17p (ic_{50} = 2.9 nm, NCI-H460) and furan groups showed effective cytotoxic activity against various human cancer cell lines at the nanomolar level.

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.

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