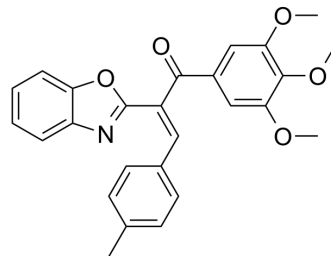


## Tubulin polymerization-IN-17

<b>Cat. No.:</b>	HY-146362
<b>CAS No.:</b>	2454175-89-2
<b>Molecular Formula:</b>	C <sub>26</sub> H <sub>23</sub> NO <sub>5</sub>
<b>Molecular Weight:</b>	429.46
<b>Target:</b>	Microtubule/Tubulin; Apoptosis
<b>Pathway:</b>	Cell Cycle/DNA Damage; Cytoskeleton; Apoptosis
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Tubulin polymerization-IN-17 (compound 23g) is a potent inhibitor of tubulin polymerization. Tubulin polymerization-IN-17 exhibits tubulin depolymerization and induced cell apoptosis and inhibits migration. Tubulin polymerization-IN-17 has the potential for the research of cancer diseases<sup>[1]</sup>.

### REFERENCES

[1]. Guo Q, et al. Ligand- and structural-based discovery of potential small molecules that target the colchicine site of tubulin for cancer treatment. *Eur J Med Chem.* 2020;196:112328.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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