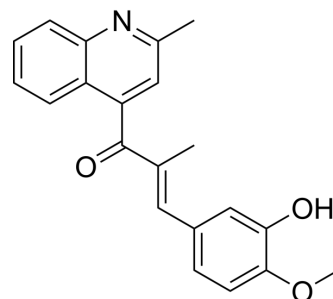


## Microtubule inhibitor 1

<b>Cat. No.:</b>	HY-114313
<b>CAS No.:</b>	2305668-80-6
<b>Molecular Formula:</b>	C <sub>21</sub> H <sub>19</sub> NO <sub>3</sub>
<b>Molecular Weight:</b>	333.38
<b>Target:</b>	Microtubule/Tubulin
<b>Pathway:</b>	Cell Cycle/DNA Damage; Cytoskeleton
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Microtubule inhibitor 1 is an antitumor agent with microtubule polymerization inhibitory activity, with an IC <sub>50</sub> value of 9-16 nM in cancer cells <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	Microtubule polymerization <sup>[1]</sup> .

### REFERENCES

[1]. Li W, et al. Discovery of Novel Quinoline-Chalcone Derivatives as Potent Antitumor Agents with Microtubule Polymerization Inhibitory Activity. J Med Chem. 2019 Jan 24;62(2):993-1013.

**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