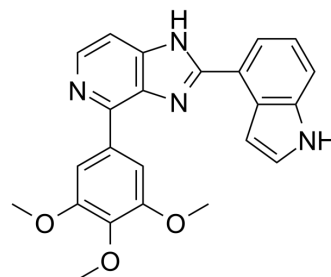


## DJ101

Cat. No.:	HY-121524
CAS No.:	1803242-21-8
Molecular Formula:	C <sub>23</sub> H <sub>20</sub> N <sub>4</sub> O <sub>3</sub>
Molecular Weight:	400.43
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

DJ101 is a potent and metabolically stable tubulin inhibitor. DJ101 targets the colchicine binding site and overcomes taxane resistance. DJ101 also inhibits melanoma tumor growth and lung metastasis. DJ101 can be used for prostate cancer research<sup>[1]</sup>.

## REFERENCES

[1]. Arnst KE, Wang Y, Hwang DJ, et al. A Potent, Metabolically Stable Tubulin Inhibitor Targets the Colchicine Binding Site and Overcomes Taxane Resistance. *Cancer Res.* 2018;78(1):265-277.

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

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