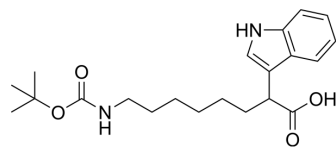


## BH-IAA

Cat. No.:	HY-113851
CAS No.:	1020201-82-4
Molecular Formula:	C <sub>21</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	374.47
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	BH-IAA is a potent auxin antagonist that specifically blocks TIR1-mediated auxin signaling <sup>[1]</sup> .
In Vitro	BH-IAA (50 μM, 5 days) can induce Arabidopsis MM2d suspension culture cells to enter the internal cycle, increase the ploidy to 24C, specifically block TIR1-mediated auxin signal transduction, induce internal cycle and concomitant Cell expansion <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES

[1]. Takashi Ishida, et al. Auxin modulates the transition from the mitotic cycle to the endocycle in Arabidopsis. Development. 2010 Jan;137(1):63-71.

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

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