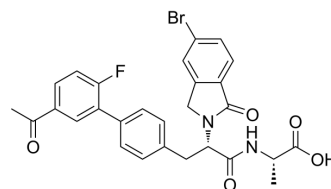


## SYNTi

Cat. No.:	HY-149204
Molecular Formula:	C <sub>28</sub> H <sub>24</sub> BrFN <sub>2</sub> O <sub>5</sub>
Molecular Weight:	567.4
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

<b>Description</b>	SYNTi is a PDZ domain inhibitor targeting the syndecan/syntenin protein-protein interaction. SYNTi exhibits an IC <sub>50</sub> value of 400 nM and ligand efficiency (LE) value of 0.24. SYNTi can be used for breast cancer research <sup>[1]</sup> .
<b>In Vitro</b>	SYNTi (1-100 μM) significantly affects the migration speed and Euclidean distance of MDA-MB-231 cells <sup>[1]</sup> . SYNTi is not toxic at concentrations up to 100 μM in wild-type MDA-MB-231 breast carcinoma cells and in MDA-MB-231 cells with syntenin-KO <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES

[1]. Hoffer L, et al. Discovery of a PDZ Domain Inhibitor Targeting the Syndecan/Syntenin Protein-Protein Interaction: A Semi-Automated "Hit Identification-to-Optimization" Approach. *J Med Chem.* 2023 Apr 13;66(7):4633-4658.

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

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