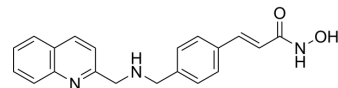


## HFY-4A

Cat. No.:	HY-149631
CAS No.:	2094810-82-7
Molecular Formula:	C <sub>20</sub> H <sub>19</sub> N <sub>3</sub> O <sub>2</sub>
Molecular Weight:	333.38
Target:	HDAC
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

HFY-4A is a HDAC inhibitor. HFY-4A inhibits breast cancer cell proliferation, migration, and invasion, and induces cell apoptosis. HFY-4A induces immunogenic cell death (ICD). HFY-4A inhibits tumor growth in breast cancer xenograft mouse models<sup>[1]</sup>.

## REFERENCES

[1]. Yin Y, et al. The HDAC inhibitor HFY-4A improves TUSC2 transcription to induce immunogenic cell death in breast cancer. *Toxicol Appl Pharmacol.* 2023 Nov 1;478:116698.

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

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