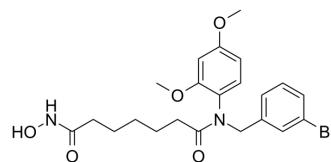


## YF479

Cat. No.:	HY-120046
CAS No.:	1803281-22-2
Molecular Formula:	C <sub>22</sub> H <sub>27</sub> BrN <sub>2</sub> O <sub>5</sub>
Molecular Weight:	479.36
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

YF479 is a potent inhibitor of histone deacetylase. YF479 abates cell viability, suppresses colony formation and tumor cell motility. YF479 significantly inhibits breast tumor growth and metastasis. YF479 has the potential for the research of clinical trials for breast cancer<sup>[1]</sup>.

## REFERENCES

[1]. Zhang T, et al. Antitumor action of a novel histone deacetylase inhibitor, YF479, in breast cancer. *Neoplasia*. 2014 Aug;16(8):665-77.

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

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