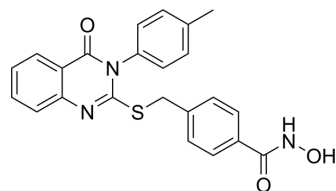


## HDAC6-IN-16

<b>Cat. No.:</b>	HY-149371
<b>Molecular Formula:</b>	C <sub>23</sub> H <sub>19</sub> N <sub>3</sub> O <sub>3</sub> S
<b>Molecular Weight:</b>	417.48
<b>Target:</b>	HDAC; Apoptosis
<b>Pathway:</b>	Cell Cycle/DNA Damage; Epigenetics; Apoptosis
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	HDAC6-IN-16 (compound 5c) is a histone deacetylase 6 (HDAC6) inhibitor, based on Quinazolin-4(3H)-One. HDAC6-IN-16 exhibits anticancer effect, inhibits colony-forming. And HDAC6-IN-16 arrests cell cycle at G2 phase and induces apoptosis <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	HDAC6 <sup>[1]</sup>

### REFERENCES

[1]. Khetmalis YM, et al. Design, Synthesis, and Biological Evaluation of Novel Quinazolin-4(3H)-One-Based Histone Deacetylase 6 (HDAC6) Inhibitors for Anticancer Activity. Int J Mol Sci. 2023 Jul 3;24(13):11044.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA