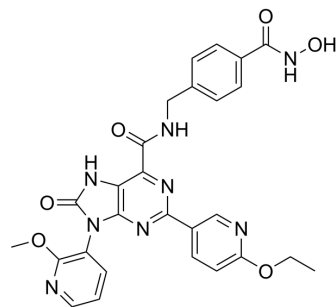


## HDAC-IN-68

Cat. No.:	HY-162086
Molecular Formula:	C <sub>27</sub> H <sub>24</sub> N <sub>8</sub> O <sub>6</sub>
Molecular Weight:	556.53
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

HDAC-IN-68 (Compound 29) is a potent HDAC inhibitor that disrupts microtubule structure and inhibits tumor growth. HDAC-IN-68 significantly inhibits class I HDACs (HDAC1, HDAC2, HDAC3) with IC<sub>50</sub> values of 5.1, 11.5 and 8.8 nM, respectively [1].

## REFERENCES

[1]. Tseng YW, et al. Dual-targeting compounds possessing enhanced anticancer activity via microtubule disruption and histone deacetylase inhibition. *Eur J Med Chem.* 2023 Dec 15;265:116042.

**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