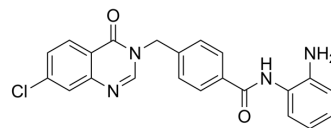


## Chlopynostat

Cat. No.:	HY-161464
Molecular Formula:	C <sub>22</sub> H <sub>17</sub> ClN <sub>4</sub> O <sub>2</sub>
Molecular Weight:	404.85
Target:	HDAC; Apoptosis
Pathway:	Cell Cycle/DNA Damage; Epigenetics; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Chlopynostat (Compound 6c) is a HDAC1 inhibitor with a IC <sub>50</sub> value of 67 nM. Chlopynostat reverses STAT4/p66Shc defects by inhibiting HDAC1-induced Apoptosis <sup>[1]</sup> .
IC <sub>50</sub> & Target	HDAC1 67 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Rossi S, et al. A novel potent class I HDAC inhibitor reverses the STAT4/p66Shc apoptotic defect in B cells from chronic lymphocytic leukemia patients. *Biomed Pharmacother.* 2024 Apr 4;174:116537.

**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