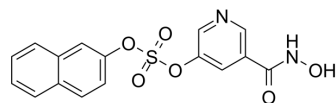


## HDAC6-IN-41

Cat. No.:	HY-158308
Molecular Formula:	C <sub>16</sub> H <sub>12</sub> N <sub>2</sub> O <sub>6</sub> S
Molecular Weight:	360.34
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	HDAC6-IN-41 (Compound E24) is a selective inhibitor for histone deacetylase 6 (HDAC6), with IC <sub>50</sub> of 14 and 422 nM, for HDAC6 and HDAC8, respectively. HDAC6-IN-41 upregulates the acetylation of α-tubulin and histone site SMC3 <sup>[1]</sup> .	
IC <sub>50</sub> & Target	HDAC6 30 nM (IC <sub>50</sub> )	HDAC8 422 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Hansen T N, et al., Sulfur (VI) Fluoride Exchange Chemistry in Solid-Phase Synthesis of Compound Arrays: Discovery of Histone Deacetylase Inhibitors[J]. JACS Au, 2024.

**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