



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

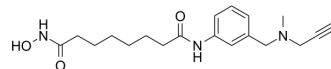
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)

## HDAC6-IN-3

Cat. No.:	HY-145259
CAS No.:	3023019-99-7
Molecular Formula:	C <sub>19</sub> H <sub>27</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	345.44
Target:	HDAC; Histone Demethylase
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

Description	HDAC6-IN-3 (Compound 14), an antiprstate cancer agent, is a potent, orally active HDAC6 inhibitor with IC <sub>50</sub> s ranging from 0.02-1.54 μM for HDAC1/2/3/6/8/10. HDAC6-IN-3 is also an effective MAO-A (IC <sub>50</sub> =0.79 μM) and LSD1 inhibitor <sup>[1]</sup> . HDAC6-IN-3 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
IC <sub>50</sub> & Target	KDM1/LSD1

### REFERENCES

[1]. Ojha R, et al. Installation of Pargyline, a LSD1 Inhibitor, in the HDAC Inhibitory Template Culminated in the Identification of a Tractable Antiprstate Cancer Agent. J Med Chem. 2021;64(24):17824-17845.

**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