



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### 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

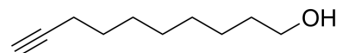
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## 9-Decyn-1-ol

<b>Cat. No.:</b>	HY-130985		
<b>CAS No.:</b>	17643-36-6		
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>18</sub> O		
<b>Molecular Weight:</b>	154.25		
<b>Target:</b>	PROTAC Linkers		
<b>Pathway:</b>	PROTAC		
<b>Storage:</b>	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

<b>Description</b>	9-Decyn-1-ol is an alkyl/ether-based PROTAC linker that can be used in the synthesis of PROTACs. 9-Decyn-1-ol can be used to conjugate GDC-0068 with Lenalidomide to generate INY-03-041. INY-03-041 is a potent, highly selective and PROTAC-based pan-Akt degrader. INY-03-041 inhibits Akt1, Akt2 and Akt3 with IC <sub>50</sub> s of 2.0 nM, 6.8 nM and 3.5 nM, respectively <sup>[1]</sup> . 9-Decyn-1-ol is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
<b>IC<sub>50</sub> &amp; Target</b>	Alkyl/ether
<b>In Vitro</b>	9-Decyn-1-ol can be used to conjugate GDC-0068 with Lenalidomide to generate INY-03-041. INY-03-041 is a pan-AKT degrader consisting of the ATP-competitive AKT inhibitor GDC-0068 conjugated to Lenalidomide by a linker <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. You I, et al. Discovery of an AKT Degrader with Prolonged Inhibition of Downstream Signaling. Cell Chem Biol. 2020 Jan 16;27(1):66-73.e7.

**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