



# 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

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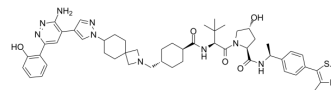
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## SMD-3040

<b>Cat. No.:</b>	HY-156568
<b>CAS No.:</b>	3033109-92-8
<b>Molecular Formula:</b>	C <sub>52</sub> H <sub>66</sub> N <sub>10</sub> O <sub>5</sub> S
<b>Molecular Weight:</b>	943.21
<b>Target:</b>	Epigenetic Reader Domain; PROTACs
<b>Pathway:</b>	Epigenetics; PROTAC
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 100 mg/mL (106.02 mM)  
 \* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		1.0602 mL	5.3010 mL	10.6021 mL
	5 mM		0.2120 mL	1.0602 mL	2.1204 mL
	10 mM		0.1060 mL	0.5301 mL	1.0602 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

SMD-3040 is a potent and selective of SMARCA2 PROTAC degrader (DC<sub>50</sub>: 12 nM). SMD-3040 contains SMARCA2/4 ligand, linker and VHL ligand. SMD-3040 demonstrates excellent degradation selectivity for SMARCA2 protein over SMARCA4 protein. SMD-3040 achieves strong tumor growth inhibition in xenograft models<sup>[1]</sup>.

### REFERENCES

[1]. Yang L, et.al. Discovery of SMD-3040 as a Potent and Selective SMARCA2 PROTAC Degradator with Strong in vivo Antitumor Activity. J Med Chem. 2023 Jul 31.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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