



# 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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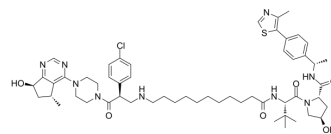
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## INY-05-040

<b>Cat. No.:</b>	HY-160469
<b>CAS No.:</b>	2503018-29-7
<b>Molecular Formula:</b>	C <sub>55</sub> H <sub>76</sub> ClN <sub>9</sub> O <sub>6</sub> S
<b>Molecular Weight:</b>	1026.77
<b>Target:</b>	Akt; PROTACs
<b>Pathway:</b>	PI3K/Akt/mTOR; PROTAC
<b>Storage:</b>	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO :  $\geq 100$  mg/mL (97.39 mM)  
\* " $\geq$ " means soluble, but saturation unknown.

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.9739 mL	4.8696 mL	9.7393 mL
	5 mM	0.1948 mL	0.9739 mL	1.9479 mL
	10 mM	0.0974 mL	0.4870 mL	0.9739 mL

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

### BIOLOGICAL ACTIVITY

#### Description

INY-05-040 is a AKT degrader that can selectively and quickly degrade all three AKT isoforms. INY-05-040 can inhibit downstream signaling and cell proliferation in 288 cancer cell lines, with anti-cancer activity<sup>[1]</sup>.

### REFERENCES

- [1]. Erickson E C, et al. Multi-omic profiling of breast cancer cells uncovers stress MAPK-associated sensitivity to AKT degradation[J]. bioRxiv, 2022: 2022.10. 11.511726.
- [2]. Erickson E C, et al. Multi-omic profiling of breast cancer cells uncovers stress MAPK-associated sensitivity to AKT degradation[J]. bioRxiv, 2022: 2022.10. 11.511726.

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

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