



# 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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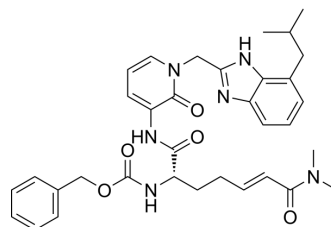
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## TG-2-IN-4

<b>Cat. No.:</b>	HY-160132		
<b>CAS No.:</b>	2410899-01-1		
<b>Molecular Formula:</b>	C <sub>34</sub> H <sub>40</sub> N <sub>6</sub> O <sub>5</sub>		
<b>Molecular Weight:</b>	612.72		
<b>Target:</b>	Glutaminase		
<b>Pathway:</b>	Metabolic Enzyme/Protease		
<b>Storage:</b>	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (204.01 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.6321 mL	8.1603 mL	16.3207 mL
5 mM	0.3264 mL	1.6321 mL	3.2641 mL
10 mM	0.1632 mL	0.8160 mL	1.6321 mL

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

### BIOLOGICAL ACTIVITY

#### Description

TG-2-IN-4 (compound 8) is a transglutaminase 2 (TG2) inhibitor with an IC<sub>50</sub> <0.5 mM. TG-2-IN-4 can be used for the research of inflammatory disorder<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

IC<sub>50</sub>: <0.5 mM<sup>[1]</sup>

### REFERENCES

[1]. Campbell D, et, al. Transglutaminase 2 (tg2) inhibitors. WO2020033784A1.

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

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