



# 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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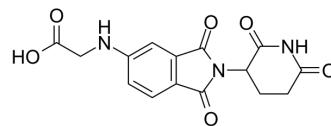
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## Thalidomide-5-NH<sub>2</sub>-CH<sub>2</sub>-COOH

<b>Cat. No.:</b>	HY-46531		
<b>CAS No.:</b>	2412056-27-8		
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>13</sub> N <sub>3</sub> O <sub>6</sub>		
<b>Molecular Weight:</b>	331.28		
<b>Target:</b>	Ligands for E3 Ligase		
<b>Pathway:</b>	PROTAC		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 33.33 mg/mL (100.61 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	3.0186 mL	15.0930 mL	30.1859 mL
		5 mM	0.6037 mL	3.0186 mL	6.0372 mL
10 mM		0.3019 mL	1.5093 mL	3.0186 mL	
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (6.28 mM); Clear solution  2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (6.28 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Thalidomide-5-NH <sub>2</sub> -CH <sub>2</sub> -COOH (compound 114) is a potent and selective inhibitor of tropomyosin receptor kinase (trk). Thalidomide-5-NH <sub>2</sub> -CH <sub>2</sub> -COOH is a ligand of E3 ligase. Thalidomide-5-NH <sub>2</sub> -CH <sub>2</sub> -COOH has the potential for researching one or more diseases (extracted from patent WO2021170109A1) <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	trk <sup>[1]</sup>

### REFERENCES

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

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