



# 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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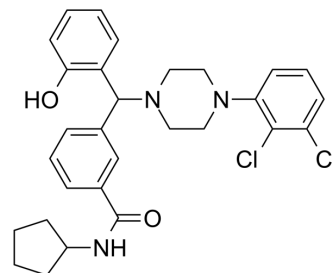
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## NPB

<b>Cat. No.:</b>	HY-119368		
<b>CAS No.:</b>	2247491-97-8		
<b>Molecular Formula:</b>	C <sub>29</sub> H <sub>31</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>2</sub>		
<b>Molecular Weight:</b>	524.48		
<b>Target:</b>	Bcl-2 Family		
<b>Pathway:</b>	Apoptosis		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



## SOLVENT & SOLUBILITY

### In Vitro

DMSO : 50 mg/mL (95.33 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.9067 mL	9.5333 mL	19.0665 mL
	5 mM	0.3813 mL	1.9067 mL	3.8133 mL
	10 mM	0.1907 mL	0.9533 mL	1.9067 mL

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

## BIOLOGICAL ACTIVITY

### Description

NPB is a specific and potent inhibitor of BAD phosphorylation at Ser99, with an IC<sub>50</sub> of 0.41 μM<sup>[1]</sup>.

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

IC<sub>50</sub>: 0.41 μM (BAD at Ser99)<sup>[1]</sup>

## REFERENCES

[1]. Pandey V, et al. Discovery of a small-molecule inhibitor of specific serine residue BAD phosphorylation. Proc Natl Acad Sci U S A. 2018 Oct 30;115(44):E10505-E10514.

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

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