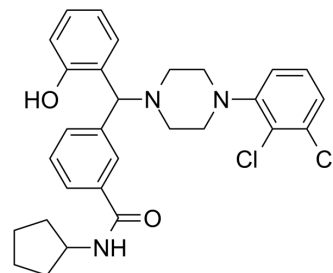


NPB

Cat. No.:	HY-119368		
CAS No.:	2247491-97-8		
Molecular Formula:	C ₂₉ H ₃₁ Cl ₂ N ₃ O ₂		
Molecular Weight:	524.48		
Target:	Bcl-2 Family		
Pathway:	Apoptosis		
Storage:	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)

Concentration	Mass		
	1 mg	5 mg	10 mg
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 IC₅₀ of 0.41 μM^[1].

IC₅₀ & Target

IC₅₀: 0.41 μM (BAD at Ser99)^[1]

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.

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

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