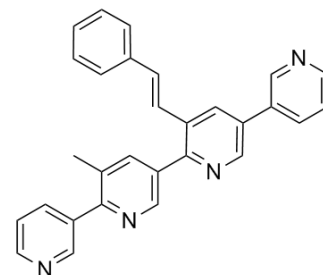


## Pyridoclax

<b>Cat. No.:</b>	HY-12527		
<b>CAS No.:</b>	1651890-44-6		
<b>Molecular Formula:</b>	C <sub>29</sub> H <sub>22</sub> N <sub>4</sub>		
<b>Molecular Weight:</b>	426.51		
<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 : 20 mg/mL (46.89 mM; Need ultrasonic)  
H<sub>2</sub>O : < 0.1 mg/mL (insoluble)

Concentration	Solvent	1 mg	5 mg	10 mg
	Mass			
Preparing Stock Solutions	1 mM	2.3446 mL	11.7231 mL	23.4461 mL
	5 mM	0.4689 mL	2.3446 mL	4.6892 mL
	10 mM	0.2345 mL	1.1723 mL	2.3446 mL

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

### BIOLOGICAL ACTIVITY

<b>Description</b>	Pyridoclax is a potential Mcl-1 inhibitor.
<b>IC<sub>50</sub> &amp; Target</b>	Mcl-1

### REFERENCES

[1]. Gloaguen C, et al. First Evidence that Oligopyridines, Alpha Helix Foldamers, Inhibit Mcl-1 and Sensitize Ovarian Carcinoma Cells to Bcl-xL-Targeting Strategies. J Med Chem. 2015 Jan 13.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA