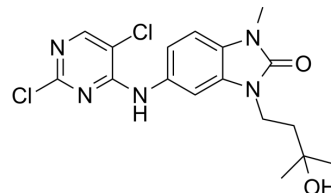


## BCL6-IN-5

Cat. No.:	HY-136774		
CAS No.:	2253878-09-8		
Molecular Formula:	C <sub>17</sub> H <sub>19</sub> Cl <sub>2</sub> N <sub>5</sub> O <sub>2</sub>		
Molecular Weight:	396.27		
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 : 20.83 mg/mL (52.57 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.5235 mL	12.6177 mL	25.2353 mL
5 mM	0.5047 mL	2.5235 mL	5.0471 mL
10 mM	0.2524 mL	1.2618 mL	2.5235 mL

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

### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.08 mg/mL (5.25 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.08 mg/mL (5.25 mM); Clear solution

## BIOLOGICAL ACTIVITY

### Description

BCL6-IN-5 is a potent BCL6 inhibitor exacted from patent WO2018215801A1, example 1n, has a pIC<sub>50</sub> of 5.82<sup>[1]</sup>.

## REFERENCES

- [1]. Benjamin Richard BELLENIE, et al. Benzimidazolone derived inhibitors of bcl6. WO2018215801A1.

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

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