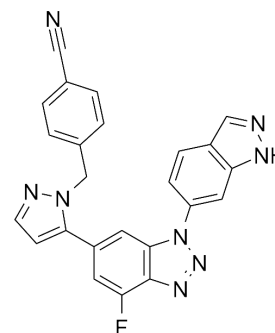


## CD73-IN-5

<b>Cat. No.:</b>	HY-145334		
<b>CAS No.:</b>	2412019-99-7		
<b>Molecular Formula:</b>	C <sub>24</sub> H <sub>15</sub> FN <sub>8</sub>		
<b>Molecular Weight:</b>	434.43		
<b>Target:</b>	CD73		
<b>Pathway:</b>	Immunology/Inflammation		
<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 (115.09 mM)  
 \* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.3019 mL	11.5093 mL	23.0187 mL
	5 mM	0.4604 mL	2.3019 mL	4.6037 mL
	10 mM	0.2302 mL	1.1509 mL	2.3019 mL

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

## BIOLOGICAL ACTIVITY

### Description

CD73-IN-5 is a potent and selective non-nucleotide small molecule inhibitor of CD73 (IC<sub>50</sub> = 19 nM).

## REFERENCES

[1]. Beatty JW, et al. Discovery of Potent and Selective Non-Nucleotide Small Molecule Inhibitors of CD73. J Med Chem. 2020 Apr 23;63(8):3935-3955.

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

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