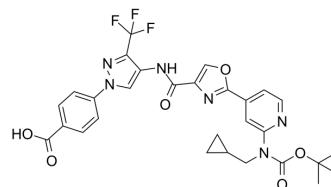


## PROTAC IRAK4 ligand-1

<b>Cat. No.:</b>	HY-129967		
<b>CAS No.:</b>	2357108-39-3		
<b>Molecular Formula:</b>	C <sub>29</sub> H <sub>27</sub> F <sub>3</sub> N <sub>6</sub> O <sub>6</sub>		
<b>Molecular Weight:</b>	612.56		
<b>Target:</b>	Ligands for Target Protein for PROTAC		
<b>Pathway:</b>	PROTAC		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 12.5 mg/mL (20.41 mM; ultrasonic and warming and heat to 60°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	1.6325 mL	8.1625 mL	16.3249 mL
		5 mM	0.3265 mL	1.6325 mL	3.2650 mL
10 mM		0.1632 mL	0.8162 mL	1.6325 mL	
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 1.25 mg/mL (2.04 mM); Suspended solution; Need ultrasonic				

### BIOLOGICAL ACTIVITY

<b>Description</b>	PROTAC IRAK4 ligand-1 is a synthetic ligand for interleukin-1 receptor-associated kinase 4 (IRAK4). PROTAC IRAK4 ligand-1 can be used in the synthesis of PROTAC IRAK4 degrader-1 (HY-129966) <sup>[1]</sup> .
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### REFERENCES

[1]. Nello Mainolfi, et al. Irak degraders and uses thereof. US20190192668A1.

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

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