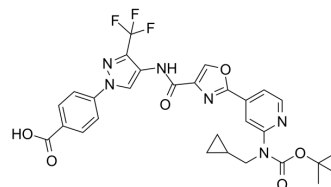


PROTAC IRAK4 ligand-1

Cat. No.:	HY-129967		
CAS No.:	2357108-39-3		
Molecular Formula:	C ₂₉ H ₂₇ F ₃ N ₆ O ₆		
Molecular Weight:	612.56		
Target:	Ligands for Target Protein for PROTAC		
Pathway:	PROTAC		
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 : 12.5 mg/mL (20.41 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	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.

In Vivo

- 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

Description

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)^[1].

REFERENCES

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

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

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