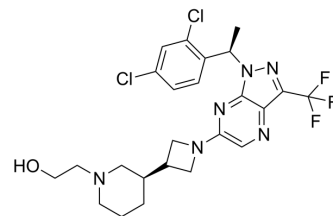


## Tivumecirnon

Cat. No.:	HY-148494		
CAS No.:	2174938-78-2		
Molecular Formula:	C <sub>24</sub> H <sub>27</sub> Cl <sub>2</sub> F <sub>3</sub> N <sub>6</sub> O		
Molecular Weight:	543.41		
Target:	CCR		
Pathway:	GPCR/G Protein; Immunology/Inflammation		
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 : 100 mg/mL (184.02 mM; Need ultrasonic)					
		Solvent Concentration	Mass	1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM		1.8402 mL	9.2012 mL	18.4023 mL
		5 mM		0.3680 mL	1.8402 mL	3.6805 mL
10 mM			0.1840 mL	0.9201 mL	1.8402 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.60 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	Tivumecirnon (FLX475) is a potent CCR4 antagonist that blocks regulatory T cells that interfere with effective antitumor immune responses and has antitumor activity <sup>[1]</sup> .
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### REFERENCES

[1]. Hilary Plake BECK, et al. Chemokine receptor modulators and uses thereof. WO2018022992.

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

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