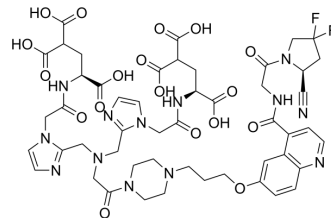


## FAPI-34

<b>Cat. No.:</b>	HY-139401		
<b>CAS No.:</b>	2374782-07-5		
<b>Molecular Formula:</b>	C <sub>50</sub> H <sub>57</sub> F <sub>2</sub> N <sub>13</sub> O <sub>18</sub>		
<b>Molecular Weight:</b>	1166.06		
<b>Target:</b>	FAP		
<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

<b>In Vitro</b>	DMSO : 50 mg/mL (42.88 mM; Need ultrasonic)					
		Solvent Concentration	Mass	1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	0.8576 mL	4.2879 mL	8.5759 mL	
		5 mM	0.1715 mL	0.8576 mL	1.7152 mL	
10 mM		0.0858 mL	0.4288 mL	0.8576 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 >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 5 mg/mL (4.29 mM); Clear solution  2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 5 mg/mL (4.29 mM); Clear solution					

### BIOLOGICAL ACTIVITY

<b>Description</b>	FAPI-34 is a fibroblast-activating protein (FAP) inhibitor with favorable pharmacokinetic and biochemical properties. (patent WO2019154886A1).
<b>IC<sub>50</sub> &amp; Target</b>	Fibroblast activation protein (FAP)

### REFERENCES

[1]. Uwe Haberkorn, et al. Fap inhibitor. WO2019154886A1.

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

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