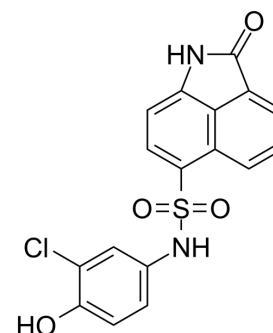


## EJMC-1

<b>Cat. No.:</b>	HY-147078		
<b>CAS No.:</b>	397281-20-8		
<b>Molecular Formula:</b>	C <sub>17</sub> H <sub>11</sub> ClN <sub>2</sub> O <sub>4</sub> S		
<b>Molecular Weight:</b>	374.8		
<b>Target:</b>	TNF Receptor		
<b>Pathway:</b>	Apoptosis		
<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 : 125 mg/mL (333.51 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.6681 mL	13.3404 mL	26.6809 mL
5 mM	0.5336 mL	2.6681 mL	5.3362 mL
10 mM	0.2668 mL	1.3340 mL	2.6681 mL

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

## BIOLOGICAL ACTIVITY

### Description

EJMC-1 is a moderately potent TNF- $\alpha$  inhibitor with an IC<sub>50</sub> value of 42  $\mu$ M<sup>[1]</sup>.

## REFERENCES

[1]. Deng X, et al. Design, Synthesis, and Evaluation of Dihydrobenzo[cd]indole-6-sulfonamide as TNF- $\alpha$  Inhibitors. Front Chem. 2018 Apr 4;6:98.

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

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