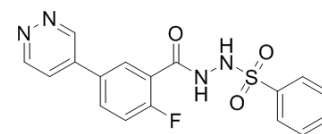


## MOZ-IN-2

Cat. No.:	HY-102059		
CAS No.:	2055397-88-9		
Molecular Formula:	C <sub>17</sub> H <sub>13</sub> FN <sub>4</sub> O <sub>3</sub> S		
Molecular Weight:	372.37		
Target:	Histone Acetyltransferase		
Pathway:	Epigenetics		
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 : 125 mg/mL (335.69 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.6855 mL	13.4275 mL	26.8550 mL
	5 mM	0.5371 mL	2.6855 mL	5.3710 mL
	10 mM	0.2686 mL	1.3428 mL	2.6855 mL

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

#### In Vivo

- Add each solvent one by one: **10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline**  
Solubility: ≥ 2.08 mg/mL (5.59 mM); Clear solution
- Add each solvent one by one: **10% DMSO >> 90% corn oil**  
Solubility: ≥ 2.08 mg/mL (5.59 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

MOZ-IN-2 is an inhibitor of protein **MOZ**, a member of histone acetyltransferases, with an IC<sub>50</sub> of 125 μM.

#### IC<sub>50</sub> & Target

IC<sub>50</sub>: 125 μM (MOZ)<sup>[1]</sup>.

### REFERENCES

[1]. ARYL SULFONOHYDRAZIDES. WO2016198507 A1.

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

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