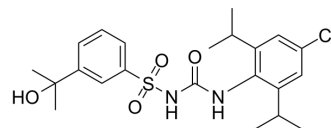


## CP-424174

Cat. No.:	HY-119721		
CAS No.:	210825-31-3		
Molecular Formula:	C <sub>22</sub> H <sub>29</sub> ClN <sub>2</sub> O <sub>4</sub> S		
Molecular Weight:	452.99		
Target:	NOD-like Receptor (NLR)		
Pathway:	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 : 125 mg/mL (275.94 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2076 mL	11.0378 mL	22.0755 mL
	5 mM	0.4415 mL	2.2076 mL	4.4151 mL
	10 mM	0.2208 mL	1.1038 mL	2.2076 mL

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

### BIOLOGICAL ACTIVITY

#### Description

CP-424174 is a reversible inhibitor against IL-1 $\beta$  processing with an IC<sub>50</sub> of 210 nM. CP-424174 indirectly inhibits NLRP3<sup>[1]</sup>.

### REFERENCES

[1]. Alex G Baldwin, et al. Inhibiting the Inflammasome: A Chemical Perspective. J Med Chem

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

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