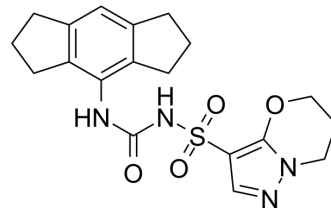


## NLRP3-IN-19

Cat. No.:	HY-156034
CAS No.:	2238819-65-1
Molecular Formula:	C <sub>19</sub> H <sub>22</sub> N <sub>4</sub> O <sub>4</sub> S
Molecular Weight:	402.47
Target:	NOD-like Receptor (NLR)
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	JT001 (NLRP3-IN-19) is a potent, specific and orally active inhibitor of NLRP3. JT001 can inhibit NLRP3 inflammasome assembly, resulting in the inhibition of cytokine release and the prevention of pyroptosis. JT001 can be used for the research of nonalcoholic steatohepatitis and liver fibrosis <sup>[1]</sup> .
IC <sub>50</sub> & Target	NLRP3

### REFERENCES

[1]. Povero D, et, al. Domain-Containing Protein 3 (NLRP3) Inflammasome that Attenuates Development of Nonalcoholic Steatohepatitis and Liver Fibrosis. J Pharmacol Exp Ther. 2023 Aug;386(2):242-258.

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

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