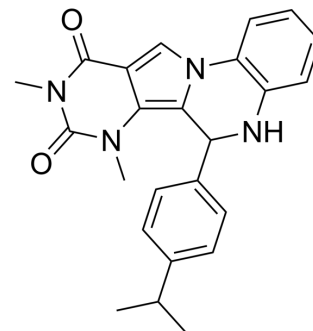


## D359-0396

Cat. No.:	HY-156374
CAS No.:	1031977-31-7
Molecular Formula:	C <sub>24</sub> H <sub>24</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	400.47
Target:	NOD-like Receptor (NLR); Pyroptosis
Pathway:	Immunology/Inflammation; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	D359-0396 is an orally active NLRP3 inflammasome inhibitor. D359-0396 inhibits pyroptosis and IL-1 $\beta$ release in macrophages. D359-0396 also inhibits the oligomerization of NLRP3, ASC and the cleavage of GSDMD. D359-0396 alleviates EAE, and also improves survival after septic shock in mice <sup>[1]</sup> .
IC <sub>50</sub> & Target	NLRP3 inflammasome <sup>[1]</sup> .

## REFERENCES

[1]. Li Z, et al. Identification of D359-0396 as a novel inhibitor of the activation of NLRP3 inflammasome. *Neurochem Int.* 2023 Oct;169:105565.

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

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