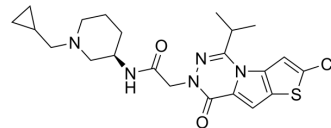


NIC-12

| | |
|--------------------|---|
| Cat. No.: | HY-158093 |
| CAS No.: | 2409826-23-7 |
| Molecular Formula: | C ₂₂ H ₂₈ ClN ₅ O ₂ S |
| Molecular Weight: | 462.01 |
| 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

NIC-12 is a potent NLRP3 inhibitor. NIC-12 selectively reduces circulating IL-1 β levels in the LPS-endotoxemia mice model. NIC-12 inhibits NLRP3 inflammasome activation in mouse macrophages^[1].

REFERENCES

[1]. Vande Walle L, et al. Novel chemotype NLRP3 inhibitors that target the CRID3-binding pocket with high potency. Life Sci Alliance. 2024 Mar 22;7(6):e202402644.

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

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