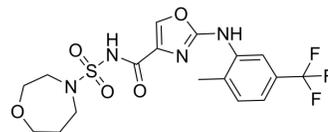


NLRP3-IN-25

Cat. No.:	HY-155463
CAS No.:	2660230-90-8
Molecular Formula:	C ₁₇ H ₁₉ F ₃ N ₄ O ₅ S
Molecular Weight:	448.42
Target:	NOD-like Receptor (NLR); Interleukin Related
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

NLRP3-IN-25 (compound 32) is an orally available NLRP3 inhibitor with anti-inflammatory activity. NLRP3-IN-25 attenuates renal injury in doxorubicin-induced glomerulonephritis in mice. NLRP3-IN-25 inhibits IL-1 β secretion in THP-1 cells with an IC₅₀ of 21 nM^[1].

REFERENCES

[1]. Ohba Y et al. Discovery of Novel NLRP3 Inflammasome Inhibitors Composed of an Oxazole Scaffold Bearing an Acylsulfamide[J]. ACS Medicinal Chemistry Letters, 2023.

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

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