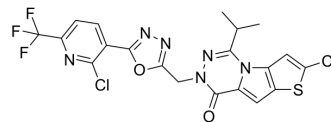


NLRP3-IN-21

Cat. No.:	HY-149604
CAS No.:	2956791-61-8
Molecular Formula:	C ₂₀ H ₁₃ Cl ₂ F ₃ N ₆ O ₂ S
Molecular Weight:	529.32
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

NLRP3-IN-21 (compound L38) is a NLRP3 inflammasome inhibitor with inflammatory properties. NLRP3-IN-21 inhibits NLRP3 inflammasome activation and pyroptosis by suppressing gasdermin D cleavage, ASC oligomerization, and NLRP3 inflammasome assembly^[1].

REFERENCES

[1]. Na Li, et al. Discovery of Triazinone Derivatives as Novel, Specific, and Direct NLRP3 Inflammasome Inhibitors for the Treatment of DSS-Induced Ulcerative Colitis. *J Med Chem.* 2023 Oct 12;66(19):13428-13451.

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

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