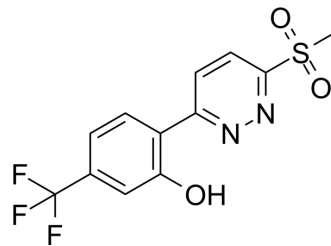


NLRP3-IN-28

Cat. No.:	HY-163179
CAS No.:	2922814-80-8
Molecular Formula:	C ₁₂ H ₉ F ₃ N ₂ O ₃ S
Molecular Weight:	318.27
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

NLRP3-IN-28 (compound N77) is a potent inhibitor of NLRP3. NLRP3-IN-28 inhibits Nigericin (HY-127019)-induced pyroptosis with an EC₅₀ of 0.07μM. NLRP3-IN-28 alleviates the inflammatory reaction in vivo^[1].

REFERENCES

[1]. Zhou N, et al. Discovery of a novel pyroptosis inhibitor acting through modulating glutathionylation to suppress NLRP3-related signal pathway. *Int Immunopharmacol.* 2024 Jan 25;127:111314.

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

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