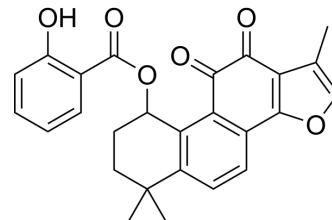


NLRP3-IN-34

Cat. No.:	HY-158111
CAS No.:	1392502-55-4
Molecular Formula:	C ₂₆ H ₂₂ O ₆
Molecular Weight:	430.45
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-34 (Compound T10) is an inhibitor for NLRP3 inflammasome. NLRP3-IN-34 inhibits ROS production, NLRP3 inflammasome-dependent IL-1 β production (IC₅₀ is 0.48 μ M in cells J774A.1), and inhibits pyroptosis. NLRP3-IN-34 exhibits anti-inflammatory activity against DSS-induced peritonitis^[1].

REFERENCES

[1]. Chen H, et al., Design, synthesis and biological evaluation of tanshinone IIA derivatives as NLRP3 inflammasome inhibitors. *Bioorg Med Chem Lett*. 2024 May 15;104:129725.

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

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