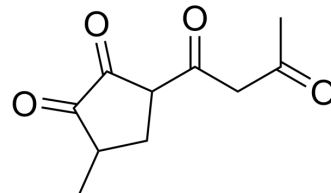


TLR4-IN-1

Cat. No.:	HY-163998
CAS No.:	2617578-93-3
Molecular Formula:	C ₁₀ H ₁₂ O ₄
Molecular Weight:	196.2
Target:	Toll-like Receptor (TLR)
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

TLR4-IN-1 (compound 3k) inhibits the cell viability of RAW264.7 with an IC₅₀ of 1.02 μM. TLR4-IN-1 inhibits the release of cytokine TNF-α, IL-1β and IL-6, and exhibits anti-inflammatory efficacy in rats rheumatoid arthritis models^[1].

REFERENCES

[1]. Zhou S, et al., Design, Synthesis, and Antirheumatoid Arthritis Mechanism of TLR4 Inhibitors. ACS Omega. 2024 Aug 14;9(34):36232-36241.

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

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