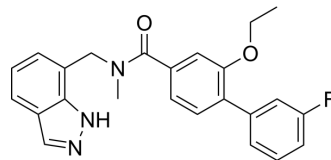


BAL-0028

Cat. No.:	HY-162333
CAS No.:	2842012-69-3
Molecular Formula:	C ₂₄ H ₂₂ FN ₃ O ₂
Molecular Weight:	403.45
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	BAL-0028 (Compound 3) is a NLRP3 activation inhibitor with a IC ₅₀ value of 25 nM. BAL-0028 binds closely to the NACHT domain of the NLRP3 with K _D values of 104-123 nM. BAL-0028 has anti-inflammatory activity ^[1] .
IC ₅₀ & Target	NLRP3 25 nM (IC ₅₀)

REFERENCES

[1]. Hartman G, et al. The discovery of novel and potent indazole NLRP3 inhibitors enabled by DNA-encoded library screening. *Bioorg Med Chem Lett*. 2024 Feb 28;102:129675.

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

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