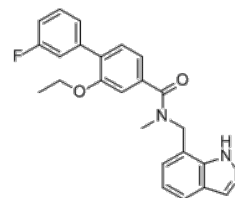


**Product Name** : BAL-0028  
**Cat. No.** : PC-22057  
**CAS No.** : 2842012-69-3  
**Molecular Formula** : C<sub>24</sub>H<sub>22</sub>FN<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 403.46  
**Target** : NOD-like Receptor (NLR)  
**Solubility** : 10 mM in DMSO



CAS: 2842012-69-3

## Biological Activity

BAL-0028 (BAL0028) is a potent, selective and reversible inhibitor of **NLRP3** activation with IC<sub>50</sub> of 25 nM, binds to the NACHT domain of NLRP3 with K<sub>d</sub> of 104-123 nM.

BAL-0028 is distinct from MCC950 and includes specific site interactions.

## References

George Hartman, et al. *Bioorg Med Chem Lett*. 2024 Apr 1:102:129675.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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