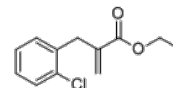


**Product Name** : INF39  
**Cat. No.** : PC-35385  
**CAS No.** : 866028-26-4  
**Molecular Formula** : C<sub>12</sub>H<sub>13</sub>ClO<sub>2</sub>  
**Molecular Weight** : 224.684  
**Target** : NOD-like Receptor (NLR)  
**Solubility** : 10 mM in DMSO



### Biological Activity

INF39 (NLRP3 inhibitor INF39) is a nontoxic, irreversible, orally available **NLRP3** inhibitor that inhibits NLRP3 ATPase and decreases interleukin-1 $\beta$  release from macrophages.

INF39 significantly inhibit ATP- and nigericin-induced IL-1 $\beta$  release in mouse bone marrow derived macrophages (BMDM) at 10  $\mu$ M.

INF39 reduces colonic myeloperoxidase, IL-1 $\beta$ , and TNF Levels in DNBS-treated rats.

### References

Cocco M, et al. *J Med Chem*. 2017 May 11;60(9):3656-3671.

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

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