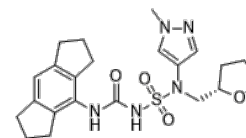


**Product Name** : NT-0249 free base  
**Cat. No.** : PC-25503  
**CAS No.** : 2763617-38-3  
**Molecular Formula** : C<sub>22</sub>H<sub>29</sub>N<sub>5</sub>O<sub>4</sub>S  
**Molecular Weight** : 459.57  
**Target** : NOD-like Receptor (NLR)  
**Solubility** : 10 mM in DMSO



CAS: 2763617-38-3

### Biological Activity

NT-0249 free base is a potent, specific NLRP3 inhibitor, potently inhibits palmitate-driven IL-1 $\beta$  release from human PBMCs with IC<sub>50</sub> of 11 nM.

NT-0249 potently blocked (LPS + ATP)-induced IL-1 $\beta$  release with IC<sub>50</sub> of 12 nM.

NT-0249 curtails systemic inflammation and astrogliosis in preestablished obese states in mice.

### References

Thornton P, et al. J Pharmacol Exp Ther. 2024 Feb 15;388(3):813-826.

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

E-mail: tech@probechem.com