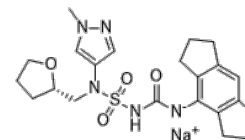


Product Name : NT-0249
Cat. No. : PC-22372
CAS No. : 2763617-39-4
Molecular Formula : C₂₂H₂₈N₅NaO₄S
Molecular Weight : 481.55
Target : NOD-like Receptor (NLR)
Solubility : 10 mM in DMSO



CAS: 2763617-39-4

Biological Activity

NT-0249 is a potent, specific **NLRP3** inhibitor, potently inhibits palmitate-driven IL-1 β release from human PBMCs with IC₅₀ of 11 nM.

NT-0249 potently blocked (LPS + ATP)-induced IL-1 β release with IC₅₀ 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