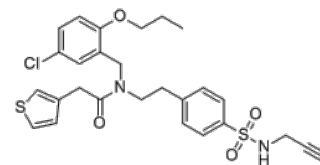


Product Name : YQ128
Cat. No. : PC-21694
CAS No. : 2454246-18-3
Molecular Formula : C₂₇H₂₉ClN₂O₄S₂
Molecular Weight : 545.11
Target : NOD-like Receptor (NLR)
Solubility : 10 mM in DMSO



CAS: 2454246-18-3

Biological Activity

YQ128 is potent, second-generation inhibitor of the NOD-like receptor protein 3 (**NLRP3**) inflammasome with IC₅₀ of 0.3 uM.

YQ128 dose dependently suppresses the release of IL-1 β from peritoneal macrophages upon LPS/ATP challenge with IC₅₀ of 1.59 uM.

YQ-128 (10 mg/kg) inhibits LPS-induced IL-1 β production in wild-type but not Nlrp3^{-/-} mice.

References

Yuqi Jiang, et al. *J Med Chem.* 2019 Nov 14;62(21):9718-9731.

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

E-mail: tech@probechem.com