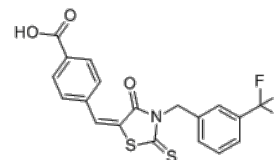


Product Name : CY-09
Cat. No. : PC-35137
CAS No. : 1073612-91-5
Molecular Formula : C₁₉H₁₂F₃NO₃S₂
Molecular Weight : 423.424
Target : NOD-like Receptor (NLR)
Solubility : 10 mM in DMSO



Biological Activity

CY-09 (NLRP3 inhibitor CY-09) is a selective and direct **NLRP3** inhibitor, binds to the ATP-binding motif of NLRP3 NACHT domain and inhibits NLRP3 ATPase activity.

CY-09 suppresses NLRP3 inflammasome assembly and activation, shows remarkable therapeutic effects on mouse models of cryopyrin-associated autoinflammatory syndrome (CAPS) and type 2 diabetes.

References

Jiang H, et al. J Exp Med. 2017 Nov 6;214(11):3219-3238.

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

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