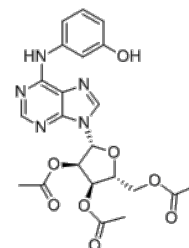


Product Name : IMM-H007
Cat. No. : PC-38551
CAS No. : 1221412-23-2
Molecular Formula : C₂₂H₂₃N₅O₈
Molecular Weight : 485.453
Target : AMPK
Solubility : 10 mM in DMSO



Biological Activity

IMM-H007 (H007, WS070117) is a novel lipid-lowering agent and **AMPK** activator, reduces serum lipid levels and inhibits lipid accumulation both in vitro and in vivo.

IMM-H007 (WS070117) (10 μM) inhibited cellular lipid accumulation induced by Oleic acid (0.25 mM).

IMM-H007 (WS070117) (0.1-10 μM) up-regulated AMPK signaling in OLA-induced steatosis in HepG2 cells, IMM-H007 (WS070117) (6 and 18 mg/kg) treatment also upregulated hepatic cellular AMPK phosphorylation in HFD fed hamsters.

IMM-H007 also activated AMPK and markedly suppressed AngII-induced TGF-β1 expression in human cardiac fibroblasts-adult ventricular, alleviated AngII-induced cardiac fibrosis by regulating AMPK-TGF-β1 signaling.

References

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

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