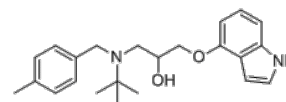


Product Name : SR-18292
Cat. No. : PC-62696
CAS No. : 2095432-55-4
Molecular Formula : C₂₃H₃₀N₂O₂
Molecular Weight : 366.5
Target : PGC-1α
Solubility : 10 mM in DMSO



Biological Activity

SR-18292 (SR18292) is a potent **PGC-1α** inhibitor, increases PGC-1α acetylation, suppresses gluconeogenic gene expression, and reduce glucose production in hepatocytes.

SR-18292 increases the interaction of PGC-1α with GCN5 and reduces transcriptional activity of HNF4α.

SR-18292 reduces fasting blood glucose, increases hepatic insulin sensitivity, and improves glucose homeostasis in diabetic mice.

References

Sharabi K, et al. **Cell**. 2017 Mar 23;169(1):148-160.e15.

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

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