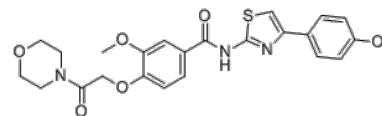


Product Name : SBI-477
Cat. No. : PC-61673
CAS No. : 781628-99-7
Molecular Formula : C₂₄H₂₅N₃O₆S
Molecular Weight : 483.539
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

SBI-477 is a chemical probe that coordinately inhibits triacylglyceride (TAG) synthesis and enhances basal glucose uptake in human skeletal myocytes with EC₅₀ of 100 nM and 1 μM, respectively.

SBI-477 reduces expression of TXNIP and ARRDC4, negative regulators of insulin signaling, via deactivation of the transcription factor **MondoA**.

References

Ahn B, et al. *J Clin Invest*. 2016 Sep 1;126(9):3567-79.

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

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