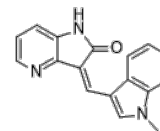


Product Name : HNF4 α agonist (Z)-19
Cat. No. : PC-26747
CAS No. : 504433-24-3
Molecular Formula : C₁₇H₁₃N₃O
Molecular Weight : 275.31
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

HNF4 α agonist (Z)-19 is a small molecule agonist of hepatocyte nuclear factor 4 alpha (HNF4 α) with EC₅₀ of 9.2 μ M and SPR KD of 4.6 μ M.

(Z)-19 reduced triglyceride and total cholesterol accumulation with minimal cytotoxicity and exhibited ferroptosis-protective activity in HepG2 cells.

(Z)-19 lowered plasma triglyceride and total cholesterol levels in hyperlipidemia mouse model, indicating encouraging in vivo efficacy.

References

Wang T, et al. Eur J Med Chem. 2026 Apr 15;314:118864.

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

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