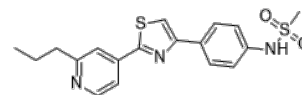


Product Name : FGH10019
Cat. No. : PC-24553
CAS No. : 1046045-61-7
Molecular Formula : C₁₈H₁₉N₃O₂S₂
Molecular Weight : 373.49
Target : Other Targets
Solubility : 10 mM in DMSO



CAS: 1046045-61-7

Biological Activity

FGH10019 is a specific small molecule inhibitor of sterol regulatory element-binding protein (SREBP) with IC₅₀ of 0.7 μM in SREBP-responsive reporter gene assays.

FGH10019 is comparable to the potency of an endogenous inhibitor, 25-hydroxycholesterol, which has an IC₅₀ value of 0.3 μM.

FGH10019 decreases the percentage of the mature form of SREBP-2 at lower concentrations (IC₅₀=1 μM) than treatment with Fatostatin (Cat# PC-22262).

FGH10019 (1-20 μM) decreases the expression of SREBP-responsive genes in DU145 cells.

FGH10019 is orally available in mice.

References

Kamisuki S, et al. J Med Chem. 2011 Jul 14;54(13):4923-7.

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

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