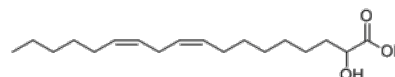


Product Name : ABTL0812
Cat. No. : PC-61631
CAS No. : 57818-44-7
Molecular Formula : C₁₈H₃₂O₃
Molecular Weight : 296.451
Target : PPAR
Solubility : 10 mM in DMSO



Biological Activity

ABTL0812 (Ibrilatazar) is a novel first-in-class, small molecule that inhibits the **Akt/mTORC1** axis and shows antiproliferative effect on tumor cells, binds to **PPAR α** and **PPAR γ** (K_i=7.1 and 4.7 μ M, respectively).

ABTL0812 induces PPAR α and PPAR γ transcriptional activities, and inhibits Akt phosphorylation by upregulating the expression of TRIB3.

ABTL0812 reduces viability of different human cancer cell lines (IC₅₀=20-60 μ M), induces autophagy-mediated cell death both in vitro and in vivo.

References

Erazo T, et al. *Clin Cancer Res.* 2016 May 15;22(10):2508-19.

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

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