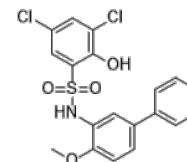


Product Name : BMS-303141
Cat. No. : PC-25106
CAS No. : 943962-47-8
Molecular Formula : C₁₉H₁₅Cl₂NO₄S
Molecular Weight : 424.29
Target : ATP Citrate Lyase (ACL, ACLY)
Solubility : 10 mM in DMSO



CAS: 943962-47-8

Biological Activity

BMS-303141 is a potent, cell-permeable inhibitor of ATP-citrate lyase (ACL, ACLY) with IC₅₀ of 0.13 μM.

BMS-303141 suppressed HepG2 and Huh-7 cell proliferation.

Combined treatment with BMS-303141 and sorafenib reduced HepG2 tumour volume and weight in mouse xenograft model.

BMS-303141 induces ER stress and activate p-eIF2α/ATF4/CHOP axis to promote apoptosis of HCC cells.

References

Zheng Y, et al. J Cell Mol Med. 2021 Feb;25(3):1468-1479.

Guo Q, et al. J Bone Miner Res. 2021 Oct;36(10):2065-2080.

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

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