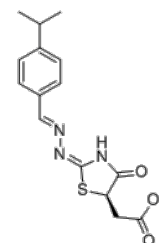


Product Name : VPC-18005
Cat. No. : PC-61463
CAS No. : 2242480-48-2
Molecular Formula : C₁₅H₁₇N₃O₃S
Molecular Weight : 319.379
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

VPC-18005 (VPC18005) is a novel small molecule **ERG (ETS-related gene)** antagonist that inhibits ERG-induced transcription and interacts directly with the ERG-ETS domain, disrupts the ERG binding to DNA (K_d=250 μM). VPC-18005 markedly decreases SOX9 expression, inhibits migration and invasion of ERG-overexpressing prostate cancer cells in vitro, and reduces metastasis in a zebrafish xenograft model.

References

Butler MS, et al. *Oncotarget*. 2017 Jun 27;8(26):42438-42454.

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

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