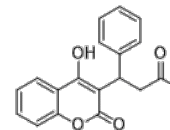


Product Name : Warfarin
Cat. No. : PC-23520
CAS No. : 81-81-2
Molecular Formula : C₁₉H₁₆O₄
Molecular Weight : 308.33
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Warfarin (WARF-42, Athrombine-K) is a potent anticoagulant agent and a vitamin K1 recycling antagonist to deplete active vitamin K1, is a small molecular inhibitor of vitamin K epoxide reductase complex subunit 1 like 1 (VKORC1L1).

Warfarin promotes ferroptosis, represses tumor growth by promoting ferroptosis in both immunodeficient and immunocompetent mouse models.

Warfarin is a potential repurposing drug in cancer therapy, particularly for tumors with high levels of VKORC1L1 expression.

References

Yang X, et al. Cell Metab. 2023 Aug 8;35(8):1474-1490.e8.

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

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