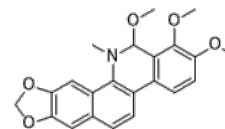


Product Name : Angoline
Cat. No. : PC-24072
CAS No. : 21080-31-9
Molecular Formula : C₂₂H₂₁NO₅
Molecular Weight : 379.41
Target : STAT
Solubility : 10 mM in DMSO



Biological Activity

Angoline is a potent and selective inhibitor of IL6/STAT3 signaling pathway with IC₅₀ of 11.56 μM, inhibits STAT3 phosphorylation and its target gene expression, also is an inhibitor of MORC2 protein, significantly kills the TNBC cells by blocking cell cycle and inducing apoptosis.

References

Jiawei Liu, et al. Phytomedicine. Jul-Aug 2014;21(8-9):1088-91.

Su X, et al. Mater Today Bio. 2025 Jan 19;31:101497.

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

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