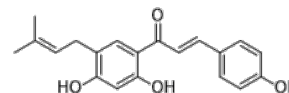


Product Name : Bavachalcone
Cat. No. : PC-25628
CAS No. : 28448-85-3
Molecular Formula : C₂₀H₂₀O₄
Molecular Weight : 324.38
Target : Apoptosis Inducer
Solubility : 10 mM in DMSO



Biological Activity

Bavachalcone is a potent apoptosis inducer, exerts anticancer activity by promoting autophagy and apoptosis in HepG2 cells, also acts as an anti-neuroinflammatory and antidepressant through the NF-κB pathway, also targets transferrin receptor (TFRC) and sensitizes gemcitabine to affect bladder cancer progression.

References

Zihao Zhang, et al. *Imeta*. 2025 Aug 17;4(5):e70071.

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

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