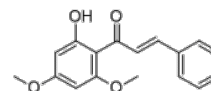


Product Name : Flavokawain B
Cat. No. : PC-35324
CAS No. : 1775-97-9
Molecular Formula : C₁₇H₁₆O₄
Molecular Weight : 284.311
Target : Apoptosis Inducer
Solubility : 10 mM in DMSO



Biological Activity

Flavokawain B is a natural chalcone that can induce apoptosis in androgen receptor-negative, hormone-refractory prostate cancer cell lines (IC₅₀=3-50 uM), via up-regulation of death-receptor 5 (**DR5**) and **Bim** expression.

Flavokawain B induces apoptosis in human myeloid leukemic cells by modifying NF-κB, possesses potential anti-inflammation and anti-cancer activities.

Flavokawain B also exhibits significant inhibition of the neurogenic nociceptive induced by intraplantar injections of glutamate and capsaicin in mice.

References

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

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