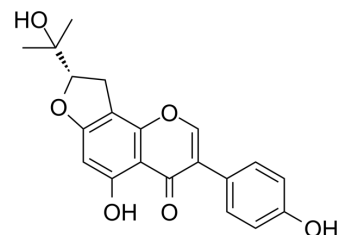


(S)-Erypoegin K

Cat. No.:	HY-N10392
CAS No.:	2055053-90-0
Molecular Formula:	C ₂₀ H ₁₈ O ₆
Molecular Weight:	354.35
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(S)-Erypoegin K is a potent anticancer agent. (S)-Erypoegin K shows potent anti-proliferative activity against HL-60 cells. (S)-Erypoegin K induces apoptosis ^[1] .
In Vitro	(S)-Erypoegin K (0-1 μM; 48 h) shows potent anti-proliferative activity against HL-60 cells with an IC ₅₀ of 90 nM ^[1] . (S)-Erypoegin K (0.1, 0.5 μM; 24 h) induces marked activation of caspase-3 and -9 in HL-60 cells in a time- and dose-dependent manner ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Hikita K, et al. Induction of enantio-selective apoptosis in human leukemia HL-60 cells by (S)-erypoegin K, an isoflavone isolated from *Erythrina poeppigiana*. *Bioorg Med Chem*. 2020 Jun 1;28(11):115490.

Caution: Product has not been fully validated for medical applications. For research use only.

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