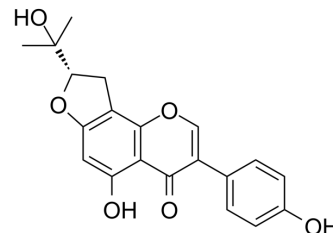


## (S)-Erypoegin K

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



### BIOLOGICAL ACTIVITY

<b>Description</b>	(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 <sup>[1]</sup> .
<b>In Vitro</b>	(S)-Erypoegin K (0-1 μM; 48 h) shows potent anti-proliferative activity against HL-60 cells with an IC <sub>50</sub> of 90 nM <sup>[1]</sup> . (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 <sup>[1]</sup> . 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA