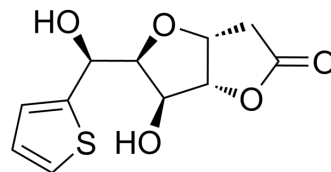


Apoptosis inducer 15

Cat. No.:	HY-163444
Molecular Formula:	C ₁₁ H ₁₂ O ₅ S
Molecular Weight:	256.27
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Apoptosis inducer 15 (Compound 3) induces cell apoptosis and cell cycle arrest at G2/M phase. Apoptosis inducer 15 is cytotoxic without causing DNA fragmentation ^[1] .
In Vitro	Apoptosis inducer 15 inhibits proliferations of cancer cells K562, HL-60, Jurkat, Raji, MCF-7, MDA-MB-231 and HeLa, with IC ₅₀ s from 0.03-5.97 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Popsavin M, et al., Synthesis and biological activity of thiophene bioisosteres of natural styryl lactone goniofufurone and related compounds. Eur J Med Chem. 2024 Apr 5;269:116340.

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