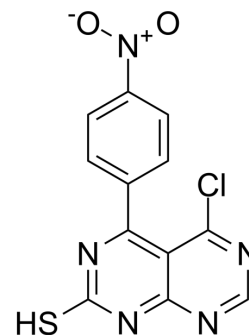


Apoptotic agent-1

Cat. No.:	HY-146197
CAS No.:	2490538-26-4
Molecular Formula:	C ₁₂ H ₆ ClN ₅ O ₂ S
Molecular Weight:	319.73
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Apoptotic agent-1 (Compound 8a) is an apoptotic agent with high antiproliferative activity against cancer cells and low cytotoxic effect. Apoptotic agent-1 induces over-expression of Fas receptor and Cyto C genes ^[1] .
In Vitro	Apoptotic agent-1 (Compound 8a) shows antiproliferative activity with IC ₅₀ values of 53.3, 12.9 and > 100 μM against HepG2, MCF-7 and WI-38 cells, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Hafez H, et al. Synthesis, biological evaluation and molecular docking studies of novel thiopyrimidine analogue as apoptotic agent with potential anticancer activity. Bioorg Chem. 2020 Nov;104:104249.

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