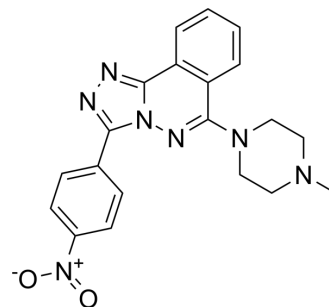


Anticancer agent 72

Cat. No.:	HY-147909
CAS No.:	2460167-51-3
Molecular Formula:	C ₂₀ H ₁₉ N ₇ O ₂
Molecular Weight:	389.41
Target:	Potassium Channel; Apoptosis
Pathway:	Membrane Transporter/Ion Channel; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Anticancer agent 72 (compound 8c) is a potent inhibitor of K ⁺ channel. Anticancer agent 72 induces apoptosis ^[1] .
In Vitro	Anticancer agent 72 (compound 8c) has an inhibitory effects against PC3, MCF-7, HeLa, SKBr3 and A549 cells with IC ₅₀ values of 17.58, 5.55, 0.54, 11.13 and 20.40 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Romero AH, et al. Anticancer potential of new 3-nitroaryl-6-(N-methyl)piperazin-1,2,4-triazolo[3,4-a]phthalazines targeting voltage-gated K⁺ channel: Copper-catalyzed one-pot synthesis from 4-chloro-1-phthalazinyl-arylhydrazones. *Bioorg Chem.* 2020 Aug;101:104031.

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

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