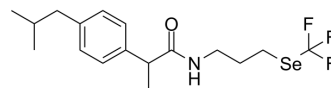


Anticancer agent 63

Cat. No.:	HY-147504
CAS No.:	2529657-32-5
Molecular Formula:	C ₁₇ H ₂₄ F ₃ N ₁ OSe
Molecular Weight:	394.33
Target:	Apoptosis; Caspase; Bcl-2 Family
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Anticancer agent 63 (compound 3h) shows active in reducing the viability of different cancer cell lines, including SW480, HeLa, A549 and MCF-7, with IC ₅₀ values at 24 h of 4.9, 11.5, 9.4, and 3.4 μM, respectively. Anticancer agent 63 induce apoptosis in MCF-7 cells via down-regulating the expression of Bcl-2 and up-regulating the expression of IL-2 and Caspase-3. Anticancer agent 63 also shows antioxidant activity ^[1] .	
IC ₅₀ & Target	Caspase-3	Bcl-2

REFERENCES

[1]. He X, et al. Synthesis and biological evaluation of organoselenium (NSAIDs-SeCN and SeCF₃) derivatives as potential anticancer agents. Eur J Med Chem. 2020 Dec 15;208:112864.

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

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