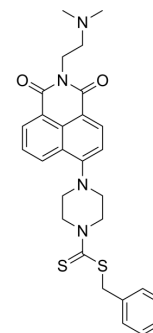


Antitumor agent-122

Cat. No.:	HY-149717
CAS No.:	2378641-43-9
Molecular Formula:	C ₂₈ H ₃₀ N ₄ O ₂ S ₂
Molecular Weight:	518.69
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antitumor agent-122 (Compound 5j) is an antitumor agent with good efficacy, limited toxicity and low resistance. Antitumor agent-122 has antiproliferative activity for MGC-803 cell, HepG2 cell, SKOV3 cell and T24 cell with IC ₅₀ values of 5.23 μM, 3.60 μM, 1.43 μM, 3.03 μM, respectively ^[1] .
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IC₅₀ & Target	IC ₅₀ : 5.23 μM (MGC-803 cell), 3.60 μM (HepG2 cell), 1.43 μM (SKOV3 cell), 3.03 μM (T24 cell) ^[1]
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REFERENCES

[1]. Liang SM, et al. Discovery of 4-(N-dithiobenzyl piperazine)-1,8-naphthalimide as a potent multi-target antitumor agent with good efficacy, limited toxicity, and low resistance. *Eur J Med Chem.* 2023 Nov 10;263:115937.

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

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