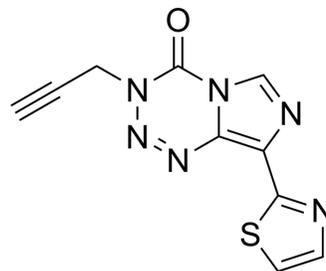


Antitumor agent-110

Cat. No.:	HY-155541
CAS No.:	2563879-93-4
Molecular Formula:	C ₁₀ H ₆ N ₆ OS
Molecular Weight:	258.26
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antitumor agent-110 (compound 13) is an anticancer imidazotetrazinone with good permeability properties. Antitumor agent-110 arrests cell cycle at G2/M phase, and induces apoptosis^[1]. Antitumor agent-110 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

REFERENCES

[1]. Summers HS, et al. Discovery of new imidazotetrazinones with potential to overcome tumor resistance. *Eur J Med Chem.* 2023 Sep 5;257:115507.

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

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