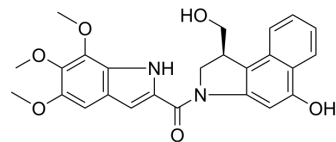


Seco-Duocarmycin TM

Cat. No.:	HY-130083
CAS No.:	236102-87-7
Molecular Formula:	C ₂₅ H ₂₄ N ₂ O ₆
Molecular Weight:	448.47
Target:	ADC Cytotoxin; DNA Alkylator/Crosslinker
Pathway:	Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Seco-Duocarmycin TM is a DNA alkylator agent belonging to Duocarmycins family that inhibits DNA synthesis. Seco-Duocarmycin TM is a cytotoxic agent, used as the cytotoxic component in antibody-drug conjugates (ADC) ^[1] .
IC₅₀ & Target	Duocarmycins

REFERENCES

[1]. Gieseg MA, et al. Comparison of the patterns of DNA alkylation by phenol and amino seco-CBI-TMI compounds: use of a PCR method for the facile preparation of single end-labelled double-stranded DNA. *Anticancer Drug Des.* 1999 Feb;14(1):77-84.

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

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