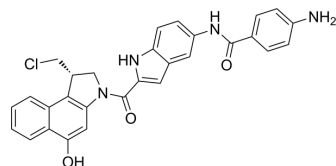


Duocarmycin analog-2

Cat. No.:	HY-148091
CAS No.:	1164275-01-7
Molecular Formula:	C ₂₉ H ₂₃ ClN ₄ O ₃
Molecular Weight:	510.97
Target:	DNA Alkylator/Crosslinker
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Duocarmycin analog-2 is a potent DNA alkylating agent. Duocarmycin analog-2 can be used of synthetic immunoconjugate. Duocarmycin analog-2 has antitumor activity ^[1] .
In Vitro	Duocarmycin analog-2 (72 h) has anti-proliferative activity with IC ₅₀ values of 0.001, 0.002, 0.002, 0.004, 0.009, 0.01, 0.015, 0.019, 0.019, 0.019, 0.02, 0.04, and 0.068 nM for DU4475, SET2, HCT 16, A2780, MDA MB468, LNCaP, LS174T, CCRF-CEM, COLO205, H2087, H661, A549, and MCD MB231 cells, respectively. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Chowdari NS, et, al. Eneidyne compounds, conjugates thereof, and uses and methods therefor. WO2013122823A1.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA