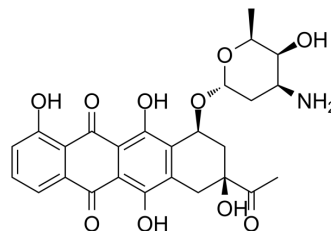


Carubicin

Cat. No.:	HY-B2171
CAS No.:	50935-04-1
Molecular Formula:	C ₂₆ H ₂₇ NO ₁₀
Molecular Weight:	513.49
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Carubicin (Carminomycin) is a microbially-derived compound. Carubicin is an effective inhibitor of VHL-defective (VHL-/-) CCRCC cell proliferation. Carubicin also induces apoptosis by a mechanism independent of p53 or hypoxia-inducible factor HIF2. Carubicin has the potential for the research of cancer diseases^{[1][2]}.

REFERENCES

[1]. [1]Woldemichael GM, et al. Carminomycin I is an apoptosis inducer that targets the Golgi complex in clear cell renal carcinoma cells. *Cancer Res.* 2011 Jan 1;71(1):134-42.

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

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