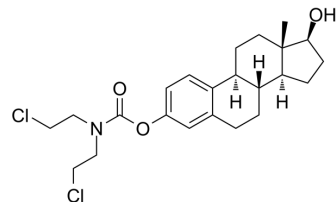


## Estramustine

Cat. No.:	HY-103711
CAS No.:	2998-57-4
Molecular Formula:	C <sub>23</sub> H <sub>31</sub> Cl <sub>2</sub> NO <sub>3</sub>
Molecular Weight:	440.4
Target:	Microtubule/Tubulin
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Estramustine is an antineoplastic agent. Estramustine depolymerizes microtubules by binding to tubulin 1, exhibits antimetabolic activity with an IC <sub>50</sub> value of ~16 μM for mitosis of DU 145 cells. Estramustine blocks cells at mitosis in prostate tumor xenografts <sup>[1]</sup> .
IC <sub>50</sub> & Target	Tubulin 1 <sup>[1]</sup>

### REFERENCES

[1]. Dahllöf B, et al. Estramustine depolymerizes microtubules by binding to tubulin. Cancer Res. 1993 Oct 1;53(19):4573-81.

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

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