
Product Data Sheet

Product Name: Estramustine

Cat. No.: GC67333

Chemical Properties

Cas. No. 2998-57-4

Formula $C_{23}H_{31}Cl_2NO_3$ M.Wt 440.4

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

Background

Estramustine is an antineoplastic agent. Estramustine depolymerizes microtubules by binding to **tubulin 1**, exhibits antimitotic activity with an **IC₅₀** value of ~16 μM for mitosis of DU 145 cells. Estramustine blocks cells at mitosis in prostate tumor xenografts^[1].

[1]. Dahlöf 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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA