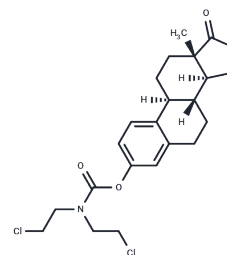


Estromustine

Chemical Properties

CAS No. :	62899-40-5
Formula:	C ₂₃ H ₂₉ Cl ₂ N ₃ O
Molecular Weight:	438.39
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Estromustine is a major active metabolite of the cytotoxic estrogen and nitrogen mustard alkylating antineoplastic agent estramustine phosphate, used in the therapy of prostate cancer.
Targets(IC50)	Others, Androgen Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2811 mL	11.4054 mL	22.8107 mL
5 mM	0.4562 mL	2.2811 mL	4.5621 mL
10 mM	0.2281 mL	1.1405 mL	2.2811 mL
50 mM	0.0456 mL	0.2281 mL	0.4562 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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Edman K, Svensson L, Eriksson B, Gunnarsson PO. Determination of estramustine phosphate and its metabolites estromustine, estramustine, estrone and estradiol in human plasma by liquid chromatography with fluorescence detection and gas chromatography with nitrogen-phosphorus and mass spectrometric detection. *J Chromatogr B Biomed Sci Appl.* 2000 Feb 11;738(2):267-79. PubMed PMID: 10718645.

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