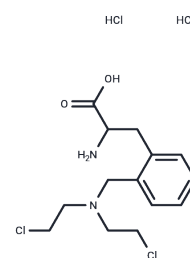


Ocaphane Hydrochloride

Chemical Properties

CAS No. :	2185-98-0
Formula:	C ₁₄ H ₂₂ Cl ₄ N ₂ O ₂
Molecular Weight:	392.14
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	Ocaphane Hydrochloride is a strong antitumor agent used on a number of animal tumors.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5501 mL	12.7505 mL	25.5011 mL
5 mM	0.510 mL	2.5501 mL	5.1002 mL
10 mM	0.255 mL	1.2751 mL	2.5501 mL
50 mM	0.051 mL	0.255 mL	0.510 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

- Su-yin C, Hsiu-fang Y, Pin H. Absorption, distribution and excretion of C14-AT-581 in animals. Chin Med J (Engl). 1976 Nov;2(6):441-4. PubMed PMID: 828876.
- Yang JL, Lu FL, Wang LJ, Xu B. [The therapeutic effect of O-[bis-(2-chloroethyl)-aminomethyl]-phenylalanine dihydrochloride (ocaphane, AT-581) on intracerebral growth of Brown-Pearce carcinoma in rabbits (author's transl)]. Yao Xue Xue Bao. 1981 Dec;16(12):881-5. Chinese. PubMed PMID: 7340381.
- Yang JL, Hsu B. [Studies on the combined chemotherapy of o-[bis-(2-chloroethyl)-aminomethyl]-phenylalanine dihydrochloride (AT-581) and operation in the treatment of Brown-Pearce carcinoma in the rabbit]. Yao Xue Xue Bao. 1966 Feb;13(2):113-8. Chinese. PubMed PMID: 5952402.
- YANG JL, HSU B. [THERAPEUTIC EFFECT OF AT-581 ON THE BROWN-PEARCE CARCINOMA IN RABBITS AND ITS INFLUENCE ON MITOSIS OF THE TUMOR CELLS]. Yao Xue Xue Bao. 1965 Apr;12:235-41. Chinese. PubMed PMID: 14321745.

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