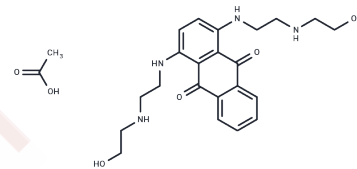


## Ametantrone Acetate

## Chemical Properties

CAS No. :	70711-40-9
Formula:	C <sub>24</sub> H <sub>32</sub> N <sub>4</sub> O <sub>6</sub>
Molecular Weight:	472.542
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	Ametantrone Acetate is a topoisomerase II inhibitor of anthrapyrazole family, which can lead to DNA covalent crosslinking.
Targets(IC50)	Others,DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1162 mL	10.5811 mL	21.1622 mL
5 mM	0.4232 mL	2.1162 mL	4.2324 mL
10 mM	0.2116 mL	1.0581 mL	2.1162 mL
50 mM	0.0423 mL	0.2116 mL	0.4232 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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- Petrere JA, Kim SN, Anderson JA, Fitzgerald JE, de la Iglesia FA, Schardein JL. Teratology studies of ametantrone acetate in rats and rabbits. *Teratology.* 1986 Dec;34(3):271-8. PubMed PMID: 3798363.
- Watkins JR, Kim SN, Jayasekara U, Anderson JA, Fitzgerald JE, de la Iglesia FA. Preclinical toxicity of the new antineoplastic agent, ametantrone acetate, in mice and dogs. *J Appl Toxicol.* 1986 Feb;6(1):31-6. PubMed PMID: 3958426.
- Gams RA, Ostroy F, Bender JF, Grillo-López AJ. A phase I trial of ametantrone acetate (NSC-287513). *Invest New Drugs.* 1985;3(4):383-8. PubMed PMID: 4086246.

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