Daunorubicin . hydrochloride

Antitumor antibiotic

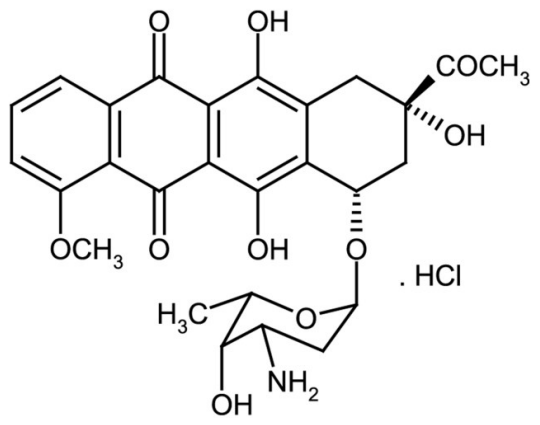
Anthracycline anticancer antibiotic. Induces DNA damage by intercalating into DNA and inhibiting topoisomerase I and II. Inhibits RNA and DNA synthesis. Induces DNA single strand breaks and apoptosis in tumor cells.

Citations: 15 View Online »

Ordering Information Order Online »

ALX-380-043-M010	10mg

Manuals, SDS & CofA View Online »


O
OH
COCH3
OH
OCH3
O
OH
O
. HCl
H3C
O
NH2
OH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Daunomycin . HCl
Appearance	Orange to red crystalline powder.
CAS	23541-50-6
Couple Target	Topoisomerase
Couple Type	Inhibitor
Formula	$C_{27}H_{29}NO_{10}$. HCl
MI	**14:** 2832
MW	527.5 . 36.5
Purity	≥90% (Assay)
Solubility	Soluble in water or methanol.
Source	Isolated from *Streptomyces spec*.

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