Idarubicin . hydrochloride

Topoisomerase IIα inhibitor

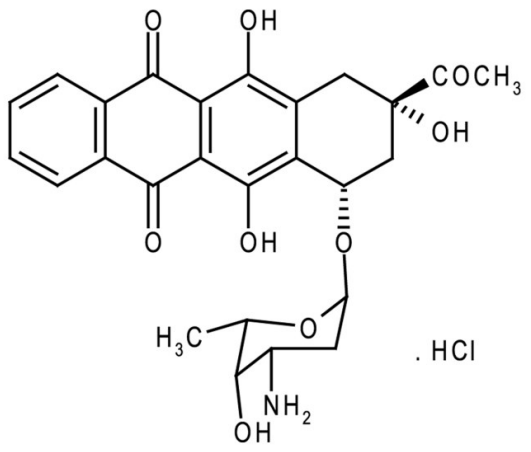
More potent, lipophilic and antineoplastic analog of daunorubicin. DNA-damaging effect includes DNA oxidation and methylation, DNA intercalation, inhibition of DNA synthesis, induction of DNA strand breaks and delay of cell cycle progression. Inhibitor of topoisomerase IIα. Produces endonucleolytic cleavage and is a marker of apoptosis.

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ALX-380-260-M005	5mg

Manuals, SDS & CofA View Online »


O
OH
COCH3
OH
O
OH
O
H3C
O
. HCl
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	Idamycin, DMDR, 4-Demethoxydaunorubicin
Appearance	Orange crystalline solid.
CAS	57852-57-0
Couple Target	Topoisomerase
Couple Type	Inhibitor
Formula	$C_{26}H_{27}NO_9$. HCl
Identity	Determined by IR.
MI	**14:** 4886
MW	497.5 . 36.5
Purity	≥98% (HPLC)
RTECS	HB7877000
Solubility	Soluble in water or methanol.
Source	Synthetic.

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