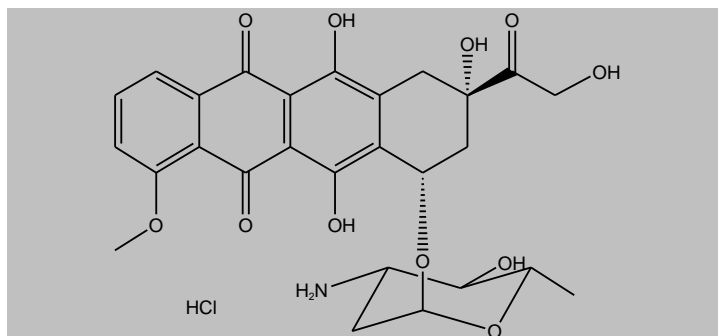


## Doxorubicin hydrochloride

Cat # NB-48-0352



### Product Information

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<b>Batch No.:</b>	0176BG/01
<b>Chemical Name:</b>	(1S,3S)-3-Glycoloyl-1,2,3,4,6,11-hexahydro-3,5,12-trihydroxy-10-methoxy-6,11-dioxo-1-naphthacenyl-(3-amino-2,3,6-trideoxy- $\alpha$ -L-lyxo-hexopyranosid) hydrochloride; Adriamycin hydrochloride; NSC 123127
<b>Batch Molecular Formula:</b>	C <sub>27</sub> H <sub>29</sub> NO <sub>11</sub> .HCl
<b>Batch Molecular Weight:</b>	579.98
<b>CAS No.:</b>	[25316-40-9]
<b>Physical Appearance:</b>	Red crystalline solid
<b>Storage:</b>	+4° C

### Solvent and solubility

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Soluble to 10 mg/ml in water

### Biological activity

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Anticancer antibiotic agent that inhibits DNA Topoisomerase II. Immunosuppressive agent and DNA intercalator. Apoptosis inducer.

### References

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1. Friesen et al. (1999) Leukemia 13:1854; 2. Sparano (1999) Semin Oncol 26:14

- CAUTION - Not fully tested. For Research use only. Not for human use. –

NB-48-0352 Doxorubicin hydrochloride

## Analytical data

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HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: HPLC Assay: > 99% (complies).

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