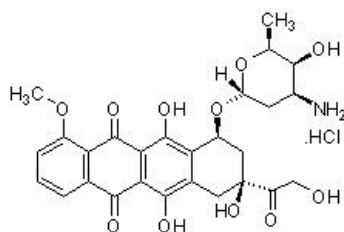


# Doxorubicin hydrochloride, Topoisomerase II inhibitor ab120629

**10 References**   **2 图像**

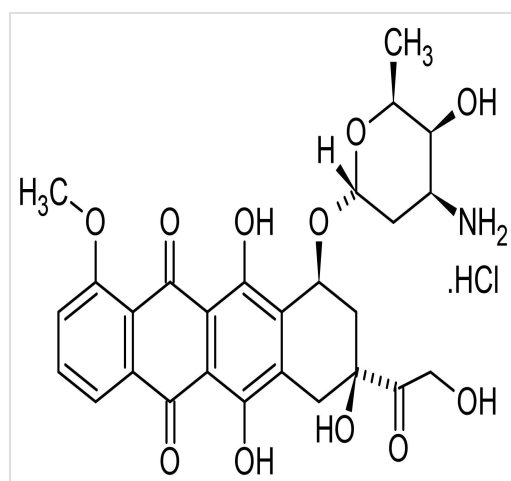
### 概述

产品名称	Doxorubicin hydrochloride, Topoisomerase II抑制剂
描述	Topoisomerase II抑制剂. Antibiotic with cytotoxic actions.
纯度	> 98%
CAS编号	25316-40-9
化学结构	



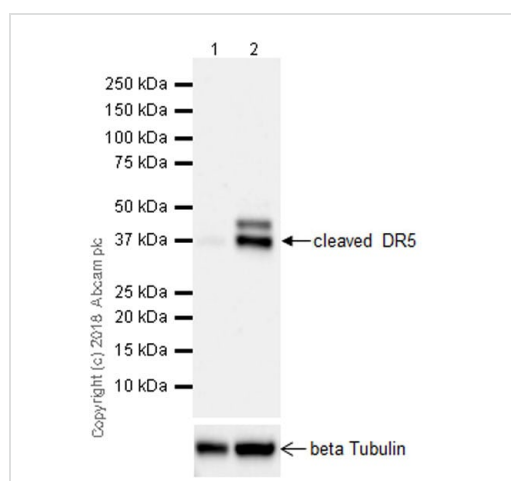
### 性能

化学名称	(8S,10S)-10-[(3-Amino-2,3,6-trideoxy-L-lyxohexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(hydroxyacetyl)-1-methoxynaphthacene-5,12-dione hydrochloride
分子量	579.98
分子式	C <sub>27</sub> H <sub>29</sub> NO <sub>11</sub> ·HCl
PubChem识别号	443939
存放说明	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO to 25 mM and in water to 50 mM
处理	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Toxic, refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
来源	Synthetic



Chemical Structure - Doxorubicin hydrochloride,  
Topoisomerase II inhibitor (ab120629)

2D chemical structure image of ab120629, Doxorubicin hydrochloride, Topoisomerase II inhibitor



Western blot - Doxorubicin hydrochloride,  
Topoisomerase II inhibitor (ab120629)

**All lanes :** Anti-DR5 antibody [EPR22276] ([ab230969](#)) at 1/1000 dilution

**Lane 1 :** Untreated HCT116 (human colorectal carcinoma epithelial cell), whole cell lysate

**Lane 2 :** HCT116 treated with 0.5 μM doxorubicin (ab120629) for 24 hours, whole cell lysate

Lysates/proteins at 20 μg per lane.

#### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

**Exposure time:** 3 minutes

The molecular weight observed is consistent with what has been described in the literature, the 40kDa band is a cleaved form (PMID: 20515924, 16297203).

**Blocking/Dilution buffer:** 5% NFDM/TBST.

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