

Doxorubicin hydrochloride

Catalog No :	MC0051
Casno :	25316-40-9
Molecularformula :	C ₂₇ H ₂₉ NO ₁₁ .HCl
Purity :	99%
Target :	Topoisomerase
Ic50 :	No data
In Vitro :	Combination of Doxorubicin and Simvastatin in the highest tested concentrations (2 μM and 10 μM, respectively) kills 97% of the Hela cells[2].
In Vivo :	Mice bearing PC3 xenografts are injected with 2, 4 or 8 mg/kg Doxorubicin and tumor volume is measured over time. A dose of 2 mg/kg does not affect tumor growth while higher dosages delay tumor growth initially (p
Fields :	Doxorubicin (Adriamycin) is an antibiotic agent that inhibits DNA topoisomerase II and induces DNA damage and apoptosis.
Specificity :	Target: Topoisomerase. Fields: Doxorubicin (Adriamycin) is an antibiotic agent that inhibits DNA topoisomerase II and induces DNA damage and apoptosis.
Source :	Rabbit
Dilution :	WB 1:500-2000
Concentration :	99%
Storage Stability :	2 years -20 °C Powder, 2 weeks 4 °C in DMSO, 6 months -80 °C in DMSO
Molecularweight :	579.98
Cell Pathway :	Antibody-drug Conjugate/ADC Related
P References :	[1]. Nitiss JL, et al. Targeting DNA topoisomerase II in cancer chemotherapy. Nat Rev Cancer. 2009 May;9(5):338-50.[2]. Sadeghi-Aliabadi H, et al. Cytotoxic

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