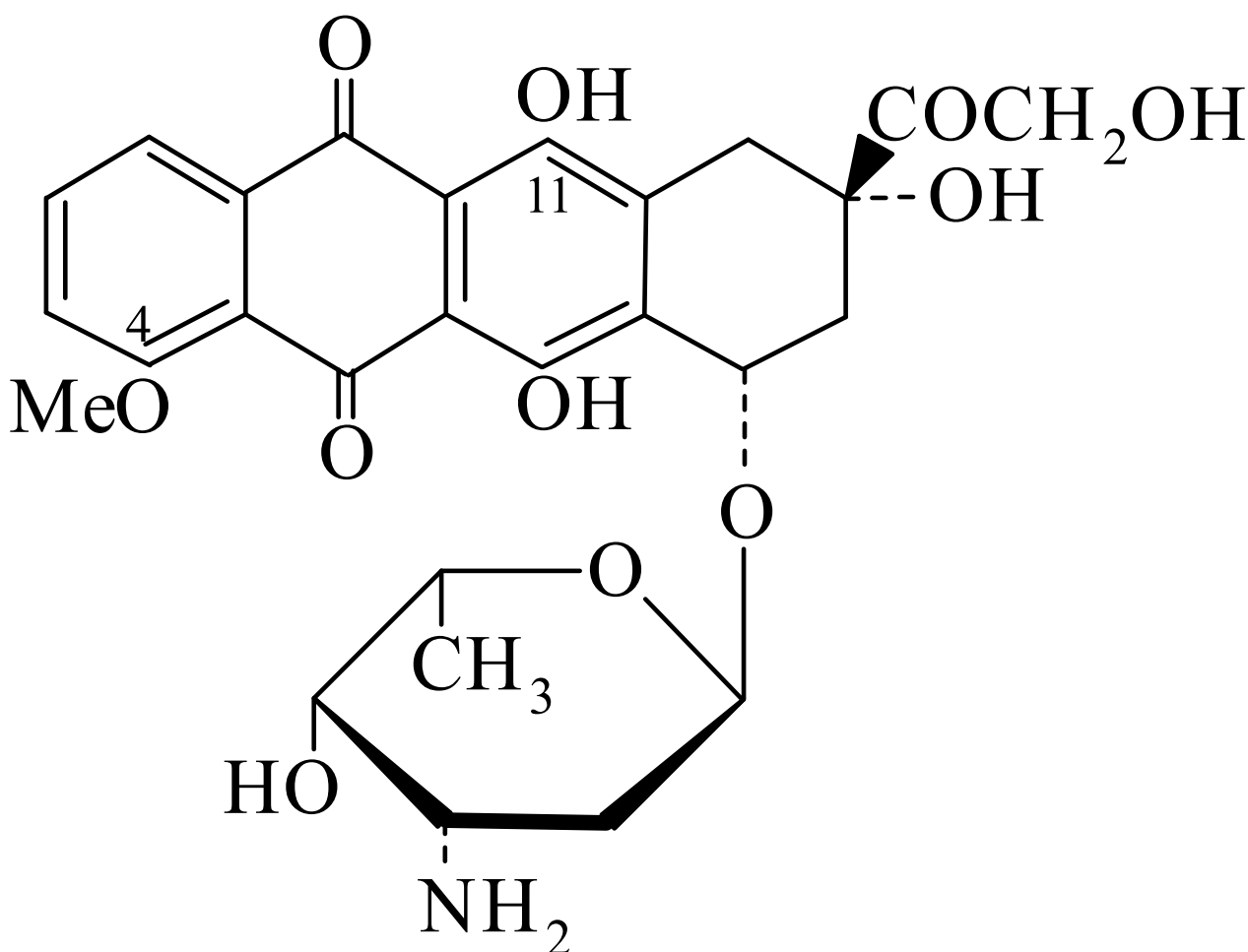




>>Entry Name: Adriamycin, 8CI

Synonym(s): Doxorubicin, BAN, INN, USAN. 14-Hydroxydaunomycin. Adriacin. Adriblastin. Caelyx. Dox. Doxil. Farmiblastina. FI 106. K 1039. KW 125. NSC 123127



CAS Registry Number: 23214-92-8

Related CAS Registry Numbers(s): 63950-06-1

Molecular Formula: $C_{27}H_{29}NO_{11}$

Molecular Weight: 543.526

Accurate Mass: 543.174064

Percentage Composition: C 59.67%; H 5.38%; N 2.58%; O 32.38%

Biological Source: Metab. of *Streptomyces peucetius*

Biological Use/Importance: Antineoplastic antibiotic; shows anti-HIV activity. Used in the treatment of ovarian cancer and AIDS related Kaposi sarcoma